



# **Department of Defense Legacy Resource Management Program**

PROJECT NUMBER # 09-391

## **A Study of Insect Pollinators Associated with DoD TER-S Flowering Plants, Including Identification of Habitat Types Where They Co-Occur by Military Installation in the Southeastern United States**

Laurie Davies Adams  
Stephen Buchmann, Ph.D.  
Anna D. Howell  
Jennifer Tsang

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## **Executive Summary**

This project provides information on new biological and pollination ecology for military natural resource managers to employ when managing their natural resources in accordance with their Integrated Natural Resource Management Plan (INRMP) as per the Sikes Act.

Land managers can utilize findings from this project to help plan, conserve, protect and restore lands under their stewardship mandates and control. The project will help DoD advance pollinator-related natural resource management, conservation and restoration issues, along with promoting the tenets of the already established DoD-COE Pollinator MOU signed June 26, 2007.

### **Phase I**

The Phase I Legacy project (08-391) created an integrated Excel spreadsheet database of pollinator-plant associations (floral visitors and true pollinators) for DoD threatened, endangered, and at-risk flowering plants (angiosperms). This completed project focused on determining the floral visitors for several hundred species of at-risk flowering plants (angiosperms) found on DoD installations in southern California, Arizona, Nevada and New Mexico. The spreadsheet/database can be utilized by other DoD environmental stewardship personnel, along with other environmental scientists and DoD civilian contractors to help conduct their own on-the-ground observational studies of pollinators visiting TER-S flowering plants at specific southwestern DoD installations.

### **Phase II**

This final narrative report outlines the work that has been conducted during Phase II of the Department of Defense Legacy project. We continued documenting plant-pollinator associations for 87 threatened, endangered, and at-risk flowering plants located on military installations in 7 southeastern States.

The project consisted of extensive literature (library and online) searches for insect and vertebrate visitors to all known TER-S (87 species) flowering plants found on DoD lands in the southeastern United States. The target states were:

- North Carolina
- South Carolina
- Georgia
- Florida
- Alabama
- Mississippi
- Louisiana

Our findings for the Phase II Legacy project were similar to those findings for Phase I. We found that 68 of the 87 threatened, endangered, and at-risk flowering plants had no previous observational studies on plant-pollinator associations. Of those 68 plant species, 8 had no previous observational studies on related plants, e.g. plants in the same genera. For these 8 species, we assigned likely pollinators (e.g. bee, bird, bat, moth, butterfly, beetle, and fly) based on the established pollination syndrome. Several floral morphological features (flower color, scent, floral rewards, bloom time, etc) are used by pollination biologists to associate specific pollinators (likely pollinators) to specific flowering plants. In all, the project conducted extensive searches, including literature (scientific journals and gray literature, online (taxonomy or research websites)) and interviews with biologists who conducted observations, for all pollinators or visitors to all known TER-S (87 species) found on DoD lands in the southeastern United States.

## Background

In 2003, the General Accounting Office (GAO) Report recommended and the resulting Action Plan signed by DoD, DOI, and USDA committed these agencies to work together in areas of science, management, and natural resource training. This project will promote more informed natural resource management including pollinators and their flowering host plants. In June of 2007, the Department of Defense signed a Memorandum of Understanding with the Pollinator Partnership ([www.pollinator.org](http://www.pollinator.org), formerly known as the Coevolution Institute), the 501(c)3 parent organization of the North American Pollinator Protection Campaign ([www.nappc.org](http://www.nappc.org)) to facilitating a framework for cooperative programs that promote conservation and management of pollinators, their habitat, and associated ecosystems.

The bee fauna of North America is extremely diverse, consisting of almost 7,000 species. The United States alone has approximately 4,000 species of native solitary and social bees. These diverse taxa live underground, in twigs and dead wood, and in various cavities. When all bee species are combined along with other pollinating insects such as flies, beetles, wasps, butterflies and moths, and examined in relation to the scattered populations of rare, threatened and endangered flowering plants, it is a formidable task to document and “connect the dots” between the plants and their known or suspected pollinators. This report documents these connections for a subset of TER-S listed plants occurring on DoD installations in the Southeast U.S.

This Department of Defense Legacy Resource Management Program FY 2008 contract was awarded to the Pollinator Partnership (P2), under the direction of:

- Laurie Davies Adams, Executive Director
- Stephen Buchmann, Ph.D, Interim NAPPCC Coordinator and project lead researcher
- Lewis E. Gorman, U.S. Fish and Wildlife Service and project advisor
- Anna Howell, University of Arizona graduate student and researcher
- Jennifer Tsang, project manager

## Research Methods

At the start of our investigation, we created a list of the TER-S rare plants known to occur on DoD facilities in the Southeast, based off the 2001 Species at Risk inventory done for DoD by NatureServ along with the help and advice of Mr. Lewis Gorman. From this list we then began our work to determine the plant-pollinator relationships. It is important to note that no observational, collection, or trapping methods were used to monitor floral visitors and potential pollinators at target plant species in the field in our research area.

Instead, the study focused on published and unpublished records of pollinators or visitors to TER-S plant species accessible in online databases, primary literature (journals), library resources, and from interviews and consultation with pollination biologists. Further, since original or summarized published observations of pollinating animal visitations does not exist for our numerous target TER-S flowering plant species, we broadened our search areas. For a very few plants, we had to use pollinator information for related (same genera) plant species in states outside of the seven southeastern states. Eight of the 87 TER-S plants had no pollinator data available, even for related plant species. Thus, in those cases we assigned a broad pollinator class (e.g. bee, fly, wasp, butterfly, moth, beetle, bird, and bat) based on examination of quality macro photographs of flowers, examining taxonomical descriptions, or examining pressed herbarium voucher specimens. This pollinator assignment is possible because “pollination syndromes” exist whereby floral morphology, shape, colors, rewards, and records of scents are all clues that lead to approximate predictions, of at minimum, orders and types of pollinating animals likely to visit a

given flower. This method of pollinator identification does not, however, replace collecting field data.

In all cases, for the southeastern states we surveyed the existing pollination literature. This is because no data existed from observations actually made on these facilities. We also expanded our search criteria to include any and all sites where the plants grew within the seven states. Therefore, we believe that environmental stewardship divisions and contractors serving installations in all of the southeastern states may derive a benefit from our findings.

Our investigative team chose an integrative and interdisciplinary approach to finding and documenting disparate pollinator and floral visitation records of TER-S plants in a wide variety of sources including:

- primary print
- electronic journals
- electronic databases
- industry and trade gray literature periodicals
- <http://www.monarchbutterfly.org/index.html>unpublished sources
- Interviews with field researchers

## 1. IDENTIFICATION

The following two websites were used to search for pollinators of specific flowering plants:

- USDA “PLANTS” (<http://plants.usda.gov>)
- Integrated Taxonomic Information System (ITIS) (<http://www.itis.gov>).

Essential information gathered from these websites included:

- plant scientific name identification verification
- common names
- scientific names
- taxonomic synonyms

This was a crucial step since the exact Genus species/spelling allows for broader searches and confidence in the name of the species tracked across scientific publications and bibliographies. Once all scientific, common, and synonym names were found and confirmed, online searches were performed beginning with the plant name listed on the spreadsheet (Appendix).

## 2. INITIAL INFORMATION GATHERING

Google’s search engine (<http://google.com>) was used to gather initial information on pollinators for each TER-S plant. We also searched for scientific publications (bibliographic citations) using the beta version of Google Scholar. If no records were found using the species name listed, we would then use synonyms, then common names, and lastly the plant genus. Most records, even those found in peer-reviewed scientific journals, could be found using Google.

## 3. INFORMATION GATHERING

If a record was found in a peer-reviewed journal, the next step involved using the website Web of Science (<http://apps.isiknowledge.com/WOS>) to access articles. The most valuable records were found in peer-reviewed articles, the primary scientific literature found in print and online biological journals. Therefore, Web of Science was considered one of our most useful search engines.

The search engine Google Scholar (<http://scholar.google.com>) was used if no records were found using Google or Web of Science. Google Scholar allowed access to a broader search of peer review records, such as articles in small journals. The last search engine used was Google Images

(<http://images.google.com>). A search of all photos pertaining to the plant listed would be produced (shown in column Z of the Excel spreadsheet). Some images would show a pollinator on the plant and that record would be used. We also searched for images using the USDA Plant database and archives. The main search engines used were:

- Google
- Google Scholar
- Google Image
- Web of Science

Additional websites and databases used:

- Center for Plant Conservation (<http://www.centerforplantconservation.org>)
- National Center for Ecological Analysis and Synthesis Interaction Web (<http://www.nceas.ucsb.edu/interactionweb>).
- Zipcode Zoo (<http://zipcodezoo.com>)

#### 4. UNAVAILABLE INFORMATION

If all online resources had been exhausted and unsuccessful, a note was made on the spreadsheet. Additional ‘gray’ literature searches (written material that is generally not published commercially or is not generally accessible) were conducted. “Gray” searches included e-mailing individuals in the field of pollination biology for information. Both published and non-published data was accepted.

#### 5. GENERAL

When pollinator records for a specific plant species were found, the author’s name, publication year, and a brief description of the type and quality of the data gathered, were recorded in the spreadsheet.

## Results

Pollination ecology is a relatively young science and field observations on floral visitors, followed by their confirmation as pollinators are lacking for most of the more than 250,000 flowering plants (angiosperms) worldwide. This is true even for some of the most familiar crop species. As a result, and as expected, pollinator records for a majority of the plant *species* listed could not be found; therefore, many of the records found describe pollinators for plants of the same *genera* as those found in our master list, but not for that particular species. Nonetheless, this project has created an extraordinary record and is a major accomplishment in bringing practical plant-pollinator relationship data to light for use by researchers, land managers, restoration ecologists, and more.

Our findings from online records, published and unpublished literature, and interviews of subject matter experts for our TER-S flowering plant species found on DoD installations in seven southeastern states are presented in an extensive and comprehensive spreadsheet (Appendix 2) and in the annotated table (Appendix 2). We were able to document pollinators for 79 known TER-S threatened, endangered and rare angiosperm species found on military installations in North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, and Louisiana. We were unable to document the pollinators for the following 8 plant species:

- *Crossopetalum ilicifolium* (Homestead Air Force Base (Closed), FL).
- *Ctenium floridanum* (Cecil Field Naval Air Station (Closed), FL),
- *Hartwrightia floridana* (Avon Park Air Force Bombing Range, FL, Camp Blanding , FL, Paisley LTA\*, FL),
- *Nyssa ursina* (Tyndall Air Force Base, FL),

- *Phyllanthus pentaphyllus* var. *floridanus* (Homestead Air Force Base (Closed), FL),
- *Sachsia polycephala* (Homestead Air Force Base (Closed), FL),
- *Sideroxylon thornei* (Eglin Air Force Base, FL and Fort Stewart, GA),
- *Tragia saxicola* (Homestead Air Force Base (Closed), FL),

For these few remaining species, we indicated the most likely pollinator in broad taxonomic categories (bee, fly, beetle, wasp, butterfly, bird and moth) in the species column for those plants. Very little primary or gray literature published information on pollinators of native plants exists, especially rare or threatened species. Data on insect pollinators provided in the Appendix and the associated spreadsheet are the only information available on the visitors to these southeastern TER-S plants.

An additional 8 species were found to be autogamous (self-fertilizing) or wind pollinated, meaning these plant species do not require pollination for reproduction. The following plant species were found to be autogamous.

- *Basiphyllaea Corallicola* (Homestead Air Force Base (Closed), FL; autogamous).
- *Brickellia cordifolia* (Fort Benning Military Reservation, GA and Lake Seminole, GA; autogamous).
- *Carex impressinervia* (R. B. Woodruff Lake, AL; wind pollinated).
- *Lachnocaulon beyrichianum* (Military Ocean Terminal Sunny Point, NC, Bogue Field, N.C., and Camp Lejeune Marine Corps Base, N.C.; wind pollinated).
- *Pteroglossaspis ecristata* (Avon Park Air Force Bombing Range, FL, TS H H Buckman (Barge Canal, FL, 'Fort Stewart, GA, Hunter Army Airfield, GA, Lake Seminole, GA, Kings Bay Naval Submarine Support Base, GA, Fort Polk Military Reservation, LS, Fort Bragg Military Reservation, NC, Fort Jackson, SC, and Leesburg Training Site, SC; autogamous).
- *Rhynchospora crinipes* (Eglin Air Force Base, FL and Fort Bragg Military Reservation, NC; wind pollinated).
- *Rhynchospora pleiantha* (Military Ocean Terminal Sunny Point, NC and Camp Lejeune Marine Corps Base, NC; wind pollinated).
- *Schizachyrium niveum* (Avon Park Air Force Bombing Range, FL; wind pollinated).

One plant overlapped from the Western states:

- *Rudbeckia scabrifolia* (Fort Polk Military Reservation, LA)

Nine plants within the same genera that overlapped from the Western states:

- *Arabis* sp.
- *Argythamnia* sp.
- *Asclepias* sp.
- *Carex* sp.
- *Eriogonum* sp.
- *Helianthus* sp.
- *Lupinus* sp.
- *Phacelia* sp.
- *Symphyotrichum* sp.

It is rare for any flowering plant species to have just one pollinating animal association. Most angiosperms have a small guild of 6 to 12 or more animal species as floral visitors and pollinators. This redundancy ensures that if one pollinator declines or fails to visit its host plant,



some level of fruit and seed set occurs. This is exactly what we found; small guilds of a dozen or more pollinators are associated with most of the species. This pollinator guild redundancy (i.e. that often 5 or more pollinating insects can equally pollinate a single flowering plant species) was accounted for and is reflected in our Excel spreadsheet of pollinators and TER-S plants.

## **Conclusions and Long-Term Benefits to Military**

This project provides a vast amount of new biological and pollination ecology information for military natural resource managers to employ when managing their natural resources in accordance with their Integrated Natural Resource Management Plan (INRMP) as per the Sikes Act.

Now that insect pollinators (scientific names and some common names) have been associated with these flowering plant species, land managers can better plan, conserve, protect and restore lands under their stewardship mandates and control. Pollination systems, plants, and their associated pollinators cannot be viewed in isolation or singly. Protecting a threatened, endangered or rare flowering plant does not guarantee its survival as viable, reproductively stable, genetically diverse and stable populations. In order to protect and continue reproduction of TER-S plants, land managers must also take into account their respective pollinators. Often, pollinating animals do not nest or gather nesting materials from exactly the same habitats where TER-S plants live. Further, pollinators themselves may be naturally rare and are not frequently encountered even during extensive and expensive multi-year survey research programs. Land management plans should contain provisions to protect and conserve both plants and their pollinators, including providing host plants for pollinators compatible to the TER-S plants or leaving nesting materials available.

These plant/pollinator associations can form the basis of more extensive field studies to associate specific TER-S plants with their corresponding pollinators, or more in-depth studies (i.e. Pollen and nectar diet breadth of bees or minimum and maximum flight distances for native bees). This information can be used to further refine habitat management plans and restoration/reintroduction efforts on degraded lands. DoD biologists will be able to make use of this plant/pollinator relational database to plan further studies and safeguard existing TER-S plant populations under their jurisdiction and care. Further, monitoring programs and voucher identification collections are a logical next step for installations.

The project will help DoD advance pollinator-related natural resource management, conservation and restoration issues, along with promoting the tenets of the already established DoD-COE Pollinator MOU signed June 26, 2007.

The natural resource information gathered for the southeastern states can assist military installations in their partnership activities over a broader range. Private landowners outside the fence line will be provided with new natural resource management information promoting the extension of benefits of wise natural resource management for pollinators occurring on military installations to adjacent non DoD lands. This adds value to installation natural resource management efforts by encouraging private landowners to employ conservation practices that are friendly to TER-S pollinators and TER-S plants of natural resource interest to the military.

This information has been collected and synthesized for the first time in any format. An Excel spreadsheet was created for these data sets. It is presented in two alphabetical versions: one organized by plant species and the other by state. This information is easily searchable and can be queried by DoD land managers, environmental stewardship divisions, contractors, NGOs and

other partners. Our comprehensive listing of floral visitors to TER-S plants in the southeastern states increases the searchable database for these animal visitors and plants.

Neighboring lands (private, Bureau of Land Management, State lands, parks or refuges) likely contain some populations of the same TER-S plants and their floral visitors. Therefore, environmental stewardship division chiefs can interact with contractors and partner land managers and biologists with plant and pollinator information in hand.

Land management plans often neglect any consideration of animal pollinators. Both studies we have conducted (western and southeastern states) will allow DoD personnel and their partners to plan wisely and cost-effectively for military and recreational uses (e.g. hunting, driving, and hiking) of their diverse lands, habitats, and landscapes. It should help set a precedent that in order to preserve and protect native plants, it is crucially important to consider and implement habitat plans that include their pollinators, along with other materials needed by these animals (nesting habitat, water, leaves, resins etc.) in order to maintain plant reproduction and gene flow to create healthy populations of TER-S plants.

## **Acknowledgements**

We thank the Department of Defense Legacy Resource Management Program for their support of pollinators! We would especially like to thank Mr. L. Peter Boice, Deputy Director of Natural Resources in the Office of the Deputy Under Secretary of Defense and his Arlington office Legacy Resource Management Program staff (especially Natural Resource Management Specialists Jane Mallory and Pedro Morales) for assisting us during all phases of this important pollinator/plant literature research and database creation.

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Keywords:

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Appendix to DoD TER-S Pollinator Project (Legacy 09-391)  
List of TER-S angiosperms, state where populations are found, and a list of  
corresponding pollinators.

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
<i>Aesculus parviflora</i> (GA) (Small-flowered Buckeye)	<i>Andrena subtilis</i> (2) <i>Anthemoessa abrupta</i> (1) <i>Anthophora ursina</i> (1) <i>Bombus americanorum</i> (1) <i>Bombus auricomus</i> (1) <i>Bombus impatiens</i> (1) <i>Bombus scutellaris</i> (1) <i>Bombus separatus</i> (1) <i>Centrosmia bucephala</i> (1) <i>Euphydryas chalcedona</i> (2) <i>Listrus sp.</i> (2) <i>Lycaena orota</i> (2) <i>Osmia cordata</i> (1) <i>Strymon californica</i> (2) <i>Strymon saepium</i> (2) <i>Tetralonia belfragei</i> (1) <i>Tetralonia dilecta</i> (1) <i>Trochilus colubris</i> (1)	Fort Benning Military Reservation	G2G3, S2S3
<i>Amorpha georgiana</i> var. <i>confuse</i> (NC) (Georgia false indigo)	<i>Agapostemon texanus</i> <i>Alcidamea simplex</i> <i>Anthrax sinuosa</i> <i>Bicyrtes ventralis</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Calliopsis andreniformis</i> <i>Centrias americanus</i> <i>Ceratina dupla</i> <i>Cerceris bicornuta</i> <i>Chloralictus pilosus</i> <i>Chloralictus sparsus</i> <i>Chloralictus tegularis</i> <i>Chloralictus versatus</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys sayi</i> <i>Colletes eulophi</i> <i>Curtisapis forbesii</i> <i>Diabrotica 12-punctata</i> <i>Diabrotica atripennis</i> <i>Elis 5-cincta</i>	Military Ocean Terminal Sunny Point	G3T2, S2

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
	<i>Eumenes fraternus</i> <i>Evylaeus pectoralis</i> <i>Halictus lerouxii</i> <i>Halictus parallelus</i> <i>Hoplitis cylindricus</i> <i>Isodontia apicalis</i> <i>Leionotus anormis</i> <i>Leionotus dorsalis</i> <i>Macrobasis unicolor</i> <i>Megachile brevis</i> <i>Neotrypetes truncatus</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa similis</i> <i>Paragus bicolor</i> <i>Philanthus ventilabris</i> <i>Priononyx atrata</i> <i>Priononyx thomae</i> <i>Prosopis pygmaea</i> <i>Prosopis saniculae</i> <i>Prosopis sayi</i> <i>Prosopis ziziae</i> <i>Psithyrus variabilis</i> <i>Seladonia fasciata</i> <i>Sphaerophoria cylindrica</i> <i>Sphex nigricans</i> <i>Sphex pictipennis</i> <i>Sphex procera</i> <i>Sphex vulgaris</i> <i>Tachytes elongatus</i> <i>Tachytes pepticus</i> <i>Toxophora amphitea</i> <i>Tropidia mamillata</i>		
<i>Amorpha georgiana</i> var. <i>georgiana</i> (NC) (Georgia Leadplant)	<i>Agapostemon texanus</i> <i>Alcidamea simplex</i> <i>Anthrax sinuosa</i> <i>Bicyrtes ventralis</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Calliopsis andreniformis</i> <i>Centrias americanus</i> <i>Ceratina dupla</i> <i>Cerceris bicornuta</i> <i>Chloralictus pilosus</i> <i>Chloralictus sparsus</i>	Pope Air Force Base	G3T2, S2

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
	<i>Chloralictus tegularis</i> <i>Chloralictus versatus</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys sayi</i> <i>Colletes eulophi</i> <i>Curtisapis forbesii</i> <i>Diabrotica 12-punctata</i> <i>Diabrotica atripennis</i> <i>Elis 5-cincta</i> <i>Eumenes fraternus</i> <i>Evylaeus pectoralis</i> <i>Halictus lerouxii</i> <i>Halictus parallelus</i> <i>Hoplitis cylindricus</i> <i>Isodontia apicalis</i> <i>Leionotus anormis</i> <i>Leionotus dorsalis</i> <i>Macrobasis unicolor</i> <i>Megachile brevis</i> <i>Neotrypetes truncatus</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa similis</i> <i>Paragus bicolor</i> <i>Philanthus ventilabris</i> <i>Priononyx atrata</i> <i>Priononyx thomae</i> <i>Prosopis pygmaea</i> <i>Prosopis saniculae</i> <i>Prosopis sayi</i> <i>Prosopis ziziae</i> <i>Psithyrus variabilis</i> <i>Seladonia fasciata</i> <i>Sphaerophoria cylindrica</i> <i>Sphex nigricans</i> <i>Sphex pictipennis</i> <i>Sphex procera</i> <i>Sphex vulgaris</i> <i>Tachytes elongatus</i> <i>Tachytes pepticus</i> <i>Toxophora amphitea</i> <i>Tropidia mamillata</i>		
<i>Arabis georgiana</i> (AL) (Georgia Rockcress)	<i>Agapostemon radiatus</i> (1) <i>Allograpta obliqua</i> (1) <i>Andrena arabis</i> (1)	William Dannelly Reservoir	G2, S2, C

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
	<i>Andrena carlini</i> (1) <i>Andrena geranii</i> (1) <i>Andrena nasonii</i> (1) <i>Anthomyiella pluvialis</i> (1) <i>Apis mellifera</i> (1) <i>Augochlora viridula</i> (1) <i>Bombias separatus</i> (1) <i>Bombus flavifrons dimidiatus</i> (2) <i>Bombus impatiens</i> (1) <i>Bombylius major</i> (1) <i>Ceratina dupla</i> (1) <i>Chloralictus caeruleus</i> (1) <i>Chloralictus obscurus</i> (1) <i>Chloralictus sparsus</i> (1) <i>Chloralictus tegularis</i> (1) <i>Chloralictus versatus</i> (1) <i>Chloralictus zephyrus</i> (1) <i>Curtisapis coriacea</i> (1) <i>Dialictus microlepoides</i> (2) <i>Empis humilis</i> (1) <i>Empis nuda</i> (1) <i>Evylaeus 4-maculatus</i> (1) <i>Evylaeus foxii</i> (1) <i>Evylaeus pectoralis</i> (1) <i>Gnathias cuneatus</i> (1) <i>Gnathias ovatus</i> (1) <i>Gnathias xanthoparius</i> (1) <i>Halictus lerouxii</i> (1) <i>Leionotus foraminatus</i> (1) <i>Mesogramma geminata</i> (1) <i>Opandrena cressonii</i> (1) <i>Opandrena miserabilis</i> (1) <i>Opandrena personata</i> (1) <i>Osmia atriventris</i> (1) <i>Osmia pumila</i> (1) <i>Oxystoglossa confusa</i> (1) <i>Oxystoglossa pura</i> (1) <i>Oxystoglossa similis</i> (1) <i>Pachymeria pudica</i> (1) <i>Prosopis sayi</i> (1) <i>Proteraner ranunculi</i> (1) <i>Sapyga centrata</i> (1) <i>Seladonia fasciata</i> (1) <i>Siphona geniculata</i> (1) <i>Syrphus americanus</i> (1)		

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
	<i>Syrphus ribesii</i> (1) <i>Syrphus torvus</i> (1) <i>Tetralonia belfragei</i> (1) <i>Xanthidium luteolum</i> (1) <i>Zaodontomerus calcaratus</i> (1)		
<i>Argythamnia blodgettii</i> (FL) (Blodgett's Wild Mercury)	<i>Apis mellifera</i> <i>Archytas apicifer</i> <i>Callophrys gryneus</i>	Key West Naval Air Station	G2, S2, C
<i>Asclepias viridula</i> (FL) (Southern Milkweed)	<i>Eristalis tenax</i> <i>Hylaeus cressuni cressoni</i> <i>Hylaeus episcopalis</i> <i>Hylaeus modestus citrinifrons</i> <i>Moredella atrata albosuturalis</i> <i>Mordella hubbsi</i> <i>Paragus</i> sp. <i>Sphecodes</i> sp. <i>Stelis</i> sp. <i>Stigmus</i> sp. <i>Zodion americanum</i>	Eglin Air Force Base	G2, S2

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
<i>Balduina atropurpurea</i> (GA) (Purple Balduina)	<i>Agapostemon splendens</i> (4) <i>Anthidiellum notatum rufimaculatum</i> (4) <i>Anthidiellum perplexum</i> (4) <i>Apis mellifera</i> (4) <i>Augochlora pura</i> (4) <i>Augochlorella aurata</i> (4) <i>Augochloropsis metallica</i> (4) <i>Augochloropsis sumptuosa</i> (4) <i>Bombus impatiens</i> (4) <i>Bombus pennsylvanicus</i> (4) <i>Coelioxys dolichos</i> (4) <i>Coelioxys gerrnana</i> (4) <i>Coelioxys mexicanus</i> (4) <i>Coelioxys sayi</i> (4) <i>Coelioxys texana</i> (4) <i>Dialictus coreopsis</i> (4) <i>Dialictus miniatulus</i> (4) <i>Dialictus nymphalis</i> (4) <i>Dialictus placidensis</i> (4) <i>Dialictus tegularis</i> (4) <i>Dolichostelis louisae</i> (4) <i>Evyalaus pectoralis</i> (4) <i>Halictus ligatus</i> (4) <i>Hesperapis oraria</i> (3) <i>Megachile albitarsis</i> (4) <i>Megachile brevis pseudobrevis</i> (4) <i>Megachile georgica</i> (4) <i>Megachile inimical</i> (4) <i>Megachile petulans</i> (4) <i>Megachile polycaris</i> (4) <i>Megachile pruiita</i> (4) <i>Megachile texana</i> (4) <i>Megachile xylocopoides</i> (4) <i>Nomada fervida</i> (4) <i>Nomia heteropoda</i> (4) <i>Perdita bequaerti</i> (4) <i>Trachusa fontemvitae</i> (4) <i>Xylocopa micans</i> (4) <i>Xylocopa virginica</i> (4)	Fort Stewart	G2G3, S2
<i>Baptisia megacarpa</i> (FL) (Apalachicola Wild Indigo)	<i>Bombus americanorum</i> <i>Callidryas eubule</i> <i>Centrosmia bucephala</i> <i>Tetralonia dilecta</i>	Lake Seminole	G2, S2

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
<i>Basiphyllaea corallicola</i> (FL) (Carter's Orchid)	autogamous	Homestead Air Force Base (Closed)	G1, S1
<i>Brickellia cordifolia</i> (GA) (Flyr's Brickell-bush)	autogamous	Fort Benning Military Reservation	G2G3, S1
<i>Calopogon multiflorus</i> (FL) (Many-flowered Grass-pink)	<i>Bombus sp. (2)</i>	Tosohatchee LTA*	G2G3, S2S3
<i>Calydorea coelestina</i> (FL) (Bartram's Ixia)	<i>Epicauta strigosa</i>	Camp Blanding	G2, S2
<i>Carex impressinervia</i> (AL) (Impressed-nerved sedge)	wind pollinated	R. B. Woodruff Lake	G1G2, S1
<i>Chamaesyce cumulicola</i> (FL) (Sand-dune Spurge)	Beetles Flies Bees Wasps Butterflies Moths	Cape Canaveral Air Force Station	G2, S2
<i>Chamaesyce porteriana</i> (FL) (Porter's Broom Spruge)	Beetles Flies Bees Wasps Butterflies Moths	Homestead Air Force Base (Closed)	G2, S2
<i>Chrysopsis godfreyi</i> (FL) (Godfrey's Golden-Aster)	<i>Bombus centralis</i>	Eglin Air Force Base	G2, S2
<i>Chrysopsis gossypina ssp. Cruiseana</i> (FL) (Cruise's Golden-Aster)	<i>Bombus centralis</i>	Eglin Air Force Base	G5T2, S2
<i>Crataegus ashei</i> (AL) (Harbison's hawthorn)	<i>Acmaeodera culta</i> <i>Alophora grandis</i> <i>Ancistrocerus capra</i> <i>Ancistrocerus tigris</i> <i>Andrena dunningi</i> <i>Andrena erythrogastra</i> <i>Andrena mandibularis</i> <i>Andrena nasonii</i> <i>Andrena personata</i> <i>Andrena pruni</i> <i>Andrena sayi</i> <i>Anosia plexippus</i> <i>Anthemois centuncularis</i> <i>Apis mellifera</i>	R. B. Woodruff Lake	G1, S1

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
	<i>Asclera puncticollis</i> <i>Augochlora viridula</i> <i>Bombias auricomus</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus impatiens</i> <i>Bombylius major</i> <i>Bombylius pulchellus</i> <i>Brachypalpus frontosus</i> <i>Calliphora erythrocephala</i> <i>Calliphora vomitoria</i> <i>Camptoneura picta</i> <i>Cemonus inornatus</i> <i>Centrias americanus</i> <i>Ceratina dupla</i> <i>Chilosia punctulata</i> <i>Chloralictus cressonii</i> <i>Chloralictus pilosus</i> <i>Chloralictus sparsus</i> <i>Chloralictus tegularis</i> <i>Chloralictus versatus</i> <i>Chloralictus zephyrus</i> <i>Chrysogaster ontario</i> <i>Coccinella sanguinea</i> <i>Colletes inaequalis</i> <i>Colletes inaequalis</i> <i>Compsomyia macellaria</i> <i>Criorhina umbratilis</i> <i>Cyaniris pseudargiolus</i> <i>Cynomyia cadaverina</i> <i>Cynomyia cadaverina</i> <i>Diabrotica vittata</i> <i>Didea fasciata</i> <i>Disonycha limbicollis</i> <i>Empis avida</i> <i>Empis distans</i> <i>Empis humilis</i> <i>Empis nuda</i> <i>Empis otiosa</i> <i>Enoplum 4-punctatum</i> <i>Eristalis aeneus</i> <i>Eristalis dimidiatus</i> <i>Eristalis latifrons</i> <i>Eristalis transversus</i> <i>Eumenes fraternus</i>		



Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
	<i>Euphoria fulgida</i> <i>Evylaeus arcuatus</i> <i>Evylaeus foxii</i> <i>Evylaeus pectoralis</i> <i>Gonia capitata</i> <i>Halictus lerouxii</i> <i>Helicobia 4-setosa</i> <i>Helophilus similis</i> <i>Hippodamea 15-maculata</i> <i>Laertias philenor</i> <i>Leionotus anormis</i> <i>Leionotus foraminatus</i> <i>Lucilia caesar</i> <i>Mallota cimbiciformis</i> <i>Mesogramma geminata</i> <i>Microchrysa polita</i> <i>Molorchus bimaculatus</i> <i>Morellia micans</i> <i>Myiolepta strigilata</i> <i>Myopa vesiculosa</i> <i>Odontalictus ligatus</i> <i>Opandrena cressonii</i> <i>Opandrena miserabilis</i> <i>Opandrena personata</i> <i>Orhoneura nitida</i> <i>Orhoneura pictipennis</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa similis</i> <i>Parandrena andrenoides</i> <i>Phorbia acra</i> <i>Phorbia platura</i> <i>Phormia regina</i> <i>Phormia terraenovae</i> <i>Pipiza nigribarba</i> <i>Polistes pallipes</i> <i>Polistes variatus</i> <i>Polygonia interrogationis</i> <i>Prochelostoma philadelphi</i> <i>Prosopis crataegi</i> <i>Prosopis illinoensis</i> <i>Prosopis pygmaea</i> <i>Prosopis saniculae</i> <i>Prosopis ziziae</i> <i>Pseudopyrellia cornicina</i> <i>Psilota buccata</i>		

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
	<i>Rhamphomyia mutabilis</i> <i>Rhamphomyia piligeronis</i> <i>Rhamphomyia priapulus</i> <i>Rhamphomyia sordida</i> <i>Rhamphomyia tersa</i> <i>Rhopalum scutellatum</i> <i>Sarcophaga sinuata</i> <i>Seladonia fasciata</i> <i>Stratiomyia quaternaria</i> <i>Symmorphus debilis</i> <i>Symmorphus walshianus</i> <i>Syritta pipiens</i> <i>Syrphus americanus</i> <i>Syrphus torvus</i> <i>Tetralonia dilecta</i> <i>Tiphia clypeata</i> <i>Trachandrena claytoniae</i> <i>Trachandrena crataegi</i> <i>Trachandrena forbesii</i> <i>Trachandrena hippotes</i> <i>Trachandrena nuda</i> <i>Trachandrena rugosa</i> <i>Vanessa huntera</i> <i>Vespula germanica</i> <i>Volucella vesiculosa</i> <i>Xanthogramma emarginata</i> <i>Xylota fraudulosa</i>		
<i>Crataegua triflora</i> (AL) (Three-flowered Hawthorn)	<i>Acmaeodera culta</i> <i>Alophora grandis</i> <i>Ancistrocerus capra</i> <i>Ancistrocerus tigris</i> <i>Andrena dunningi</i> <i>Andrena erythrogastra</i> <i>Andrena mandibularis</i> <i>Andrena nasonii</i> <i>Andrena personata</i> <i>Andrena pruni</i> <i>Andrena sayi</i> <i>Anosia plexippus</i> <i>Anthemois centuncularis</i> <i>Apis mellifera</i> <i>Asclera puncticollis</i> <i>Augochlora viridula</i> <i>Bombias auricomus</i>	R. B. Woodruff Lake	G2, S2

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
	<i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus impatiens</i> <i>Bombylius major</i> <i>Bombylius pulchellus</i> <i>Brachypalpus frontosus</i> <i>Calliphora erythrocephala</i> <i>Calliphora vomitoria</i> <i>Camptoneura picta</i> <i>Cemonus inornatus</i> <i>Centrias americanus</i> <i>Ceratina dupla</i> <i>Chilosia punctulata</i> <i>Chloralictus cressonii</i> <i>Chloralictus pilosus</i> <i>Chloralictus sparsus</i> <i>Chloralictus tegularis</i> <i>Chloralictus versatus</i> <i>Chloralictus zephyrus</i> <i>Chrysogaster ontario</i> <i>Coccinella sanguinea</i> <i>Colletes inaequalis</i> <i>Colletes inaequalis</i> <i>Compsomyia macellaria</i> <i>Criorhina umbratilis</i> <i>Cyaniris pseudargiolus</i> <i>Cynomyia cadaverina</i> <i>Cynomyia cadaverina</i> <i>Diabrotica vittata</i> <i>Didea fasciata</i> <i>Disonycha limbicollis</i> <i>Empis avida</i> <i>Empis distans</i> <i>Empis humilis</i> <i>Empis nuda</i> <i>Empis otiosa</i> <i>Enoplum 4-punctatum</i> <i>Eristalis aeneus</i> <i>Eristalis dimidiatus</i> <i>Eristalis latifrons</i> <i>Eristalis transversus</i> <i>Eumenes fraternus</i> <i>Euphoria fulgida</i> <i>Evylaeus arcuatus</i> <i>Evylaeus foxii</i>		

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	<i>Evyllaerus pectoralis</i> <i>Gonia capitata</i> <i>Halictus lerouxii</i> <i>Helicobia 4-setosa</i> <i>Helophilus similis</i> <i>Hippodamea 15-maculata</i> <i>Laertias philenor</i> <i>Leionotus anormis</i> <i>Leionotus foraminatus</i> <i>Lucilia caesar</i> <i>Mallota cimbiciformis</i> <i>Mesogramma geminata</i> <i>Microchrysa polita</i> <i>Molorchus bimaculatus</i> <i>Morellia micans</i> <i>Myiolepta strigilata</i> <i>Myopa vesiculosa</i> <i>Odontalictus ligatus</i> <i>Opandrena cressonii</i> <i>Opandrena miserabilis</i> <i>Opandrena personata</i> <i>Orhoneura nitida</i> <i>Orhoneura pictipennis</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa similis</i> <i>Parandrena andrenoides</i> <i>Phorbia acra</i> <i>Phorbia platura</i> <i>Phormia regina</i> <i>Phormia terraenovae</i> <i>Pipiza nigribarba</i> <i>Polistes pallipes</i> <i>Polistes variatus</i> <i>Polygonia interrogationis</i> <i>Prochelostoma philadelphi</i> <i>Prosopis crataegi</i> <i>Prosopis illinoensis</i> <i>Prosopis pygmaea</i> <i>Prosopis saniculae</i> <i>Prosopis ziziae</i> <i>Pseudopyrellia cornicina</i> <i>Psilota buccata</i> <i>Rhamphomyia mutabilis</i> <i>Rhamphomyia piligeronis</i> <i>Rhamphomyia priapulul</i>		

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	<i>Rhamphomyia sordida</i> <i>Rhamphomyia tersa</i> <i>Rhopalum scutellatum</i> <i>Sarcophaga sinuata</i> <i>Seladonia fasciata</i> <i>Stratiomyia quaternaria</i> <i>Symmorphus debilis</i> <i>Symmorphus walshianus</i> <i>Syritta pipiens</i> <i>Syrphus americanus</i> <i>Syrphus torvus</i> <i>Tetralonia dilecta</i> <i>Tiphia clypeata</i> <i>Trachandrena claytoniae</i> <i>Trachandrena crataegi</i> <i>Trachandrena forbesii</i> <i>Trachandrena hippotes</i> <i>Trachandrena nuda</i> <i>Trachandrena rugosa</i> <i>Vanessa huntera</i> <i>Vespula germanica</i> <i>Volucella vesiculosa</i> <i>Xanthogramma emarginata</i> <i>Xylota fraudulosa</i>		
<i>Crossopetalum ilicifolium</i> (FL) (Christmas Berry)	wind pollinated	Homestead Air Force Base (Closed)	G2, S2
<i>Croton Elliottii</i> (FL) (Elliot's Croton)	<i>Anthidiellum</i> , <i>Colletes</i> , <i>Exomalopsis</i> , <i>Halictus</i> , <i>Heriades</i> , <i>Hylaeus</i> , <i>Megachile</i> , <i>Melissodes</i> , <i>Mesoxaea</i> , <i>Nomia</i> , <i>Osmia</i> , <i>Oxaea</i> , <i>Perdita</i> , <i>Prosapis</i> (a subgenus of <i>Hylaeus</i> ), <i>Prosopis</i> (a subgenus of <i>Hylaeus</i> ), <i>Protandrena</i> ,	Lake Seminole	G2G3, SH

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	<i>Synhalonia</i> , <i>Xylocopa</i> .		
<i>Ctenium floridanum</i> (FL) (Florida Orange-Grass)	wind pollinated	Cecil Field Naval Air Station (Closed)	G2, S2
<i>Dicerandra radfordiana</i> (GA) (Radford Dicerandra)	<i>Apis mellifera</i> <i>Bombus impatiens</i> <i>Augochlorella gratiosa</i> <i>Exprosopa fasciata</i>	Townsend Range	G1Q, S1
<i>Elliottia racemosa</i> (GA) (Georgia Plume)	Plant mainly self fertilizes (1) Bumblebee (2)	Fort Stewart	G2G3, S2S3
<i>Eriogonum longifolium</i> var. <i>Harperi</i> (AL) (Harper's Umbrella-Plant)	<i>Agriades glandon</i> (2) <i>Anastocchus melanohalteralis</i> (2) <i>Ancistrocerus catskill</i> (2) <i>Ancistrocerus lineativentris</i> (2) <i>Andrena birtwelli</i> (2) <i>Andrena errans</i> (2) <i>Andrena nigrocaerulea</i> (2) <i>Andrena</i> sp. (1) <i>Anthidium</i> sp. (1) <i>Asemosyrphus polygrammus</i> (2) <i>Ashmeadiella rufitarsis</i> (2) <i>Ashmeadiella</i> sp. (1) <i>Augochlorella pomoniella</i> (2) <i>Bombus bifarius nearcticus</i> (2) <i>Bombus occidentalis nigroscutatus</i> (2) <i>Bombus sylvicola</i> (2) <i>Ceratina acantha</i> (2) <i>Ceratina nanula</i> (2) <i>Cerceris</i> sp. (2) <i>Chelostoma</i> sp. (1) <i>Chrysobothrys fragariae</i> (2) <i>Chrysura densa</i> (2) <i>Colletes fulgidus fulgidus</i> (2) <i>Colletes kincaidii</i> (2) <i>Colletes nigrifrons</i> (2) <i>Cylindromyia</i> sp. (2) <i>Dialictus incompletus</i> (2) <i>Dialictus microlepoides</i> (2) <i>Dialictus nevadensis</i> (2) <i>Dialictus punctatoventris</i> (2)	Redstone Arsenal	G4T2, S1

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	<i>Dialictus tegulariformis</i> (2) <i>Dianthidium sp.</i> (1) <i>Epeolus americanus</i> (2) <i>Eristalis hirtus</i> (2) <i>Eugnoriste sp.</i> (2) <i>Euodymerus foraminatus scutellaris</i> (2) <i>Euodymerus tempifer eldorada</i> (2) <i>Eupeodes volucris</i> (2) <i>Evylaeus sp.</i> (2) <i>Exetastes sp.</i> (2) <i>Geron subauratus</i> (2) <i>Halictoides sp.</i> (1) <i>Halictus rubicundus</i> (2) <i>Hedychridium fletcheri</i> (2) <i>Helophilus latifrons</i> (2) <i>Heriades sp.</i> (1) <i>Hesperapis sp.</i> (1) <i>Hesperia harpalis yosemite</i> (2) <i>Hoplitis sp.</i> (1) <i>Hylaeus basalis</i> (2) <i>Hylaeus coloradensis</i> (2) <i>Hylaeus ellipticus</i> (2) <i>Hylaeus personatellus</i> (2) <i>Hylemya cinerella</i> (2) <i>Judiola instabilis</i> (2) <i>Lasiops medius</i> (2) <i>Lithurgus sp.</i> (1) <i>Lycaena cupreus</i> (2) <i>Lycaena editha</i> (2) <i>Lycaena heteroneura</i> (2) <i>Lycaena nivalis</i> (2) <i>Lycaena phlaeas</i> (2) <i>Lycaena rubidus</i> (2) <i>Megachile perihirta</i> (2) <i>Megachile sp.</i> (1) <i>Mericia sp.</i> (2) <i>Metacosmus sp.</i> (2) <i>Microdynerus sayi</i> (2) <i>Mordella atrata albosuturalis</i> (2) <i>Nomada sp.</i> (2) <i>Nomadopsis edwardsii</i> (2) <i>Notoxus sp.</i> (2) <i>Nowickia sp.</i> (2) <i>Odontomyia hirtocculata</i> (2) <i>Orphilus subnitidus</i> (2)		

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	<i>Osmia paradisica</i> (2) <i>Osmia</i> sp. (1) <i>Oxybelus emarginatus</i> (2) <i>Oxybelus uniglumis quadrinotatus</i> (2) <i>Pantarbes</i> sp. (2) <i>Papilio indra</i> (2) <i>Paragus</i> sp. (2) <i>Philotes battoides</i> (2) <i>Plebejus acmon</i> (2) <i>Plebejus argyrognomon</i> (2) <i>Plebejus icarioides icarioides</i> (2) <i>Plebejus melissa</i> (2) <i>Plebejus saepeolus</i> (2) <i>Plebejus shasta comstocki</i> (2) <i>Polites sabuleti tecumseh</i> (2) <i>Proteriades</i> sp. (1) <i>Pseudomasaris zonalis</i> (2) <i>Pyrgus communis</i> (2) <i>Pyrgus ruralis</i> (2) <i>Saxinis saucia</i> (2) <i>Schoenomyza litorella</i> (2) <i>Serica</i> sp. (2) <i>Solierella</i> sp. (2) <i>Sphecodes</i> sp. (2) <i>Stator limbatus</i> (2) <i>Stelis</i> sp. (2) <i>Stenochidis</i> sp. (2) <i>Stenodynerus blandus</i> (2) <i>Tachysphex</i> sp. (2) <i>Tenthredo retura</i> (2) <i>Tenthredo subnigriceps</i> (2) <i>Toxomerus occidentalis</i> (2) <i>Trupanea femoralis</i> (2) <i>Vanessa milberti</i> (2) <i>Vespula pennsylvanica</i> (2) <i>Vlla fulviana</i> (2) <i>Zodion americanum</i> (2)		



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<i>Euphorbia pinetorum</i> (FL) (Pineland Poinsettia)	<i>Allograpta obliqua</i> (1) <i>Alophora aeneoventris</i> (1) <i>Anacrabro ocellatus</i> (1) <i>Ancistrocerus campestris</i> (1) <i>Anthrax alternata</i> (1) <i>Ceratosoma fasciata</i> (1) <i>Cerceris finitima</i> (1) <i>Chariesterus anntennator</i> (1) <i>Chloralictus pilosus</i> (1) <i>Chloralictus sparsus</i> (1) <i>Chloralictus tegularis</i> (1) <i>Chloralictus versatus</i> (1) <i>Cistogaster pallasii</i> (1) <i>Cyphocera fucata</i> (1) <i>Elis 5-cincta</i> (1) <i>Eucerceris zonatus</i> (1) <i>Exoprosopa fasciata</i> (1) <i>Exoprosopa fascipennis</i> (1) <i>Hedychrum parvum</i> (1) <i>Hedychrum wiltii</i> (1) <i>Helicobia heliciis</i> (1) <i>Holopyga ventralis</i> (1) <i>Larropsis distincta</i> (1) <i>Leionotus dorsalis</i> (1) <i>Leucospis affinis</i> (1) <i>Lindenius errans</i> (1) <i>Megastizus brevipennis</i> (1) <i>Mesogramma marginata</i> (1) <i>Mesogramma polita</i> (1) <i>Mimesa cressonii</i> (1) <i>Morellia micans</i> (1) <i>Notoglossa frontalis</i> (1) <i>Orhoneura nitida</i> (1) <i>Oxybelus 4-notatus</i> (1) <i>Oxybelus packardii</i> (1) <i>Pachyophthalmus signatus</i> (1) <i>Paragus bicolor</i> (1) <i>Paragus sp.</i> (2) <i>Paragus tibialis</i> (1) <i>Phorantha purpurascens</i> (1) <i>Pipiza pulchella</i> (1) <i>Polistes pallipes</i> (1) <i>Polistes variatus</i> (1) <i>Pontia protodice</i> (1) <i>Priocnemoides fulvicornis</i> (1)	Homestead Air Force Base (Closed)	G2, S2

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	<i>Priononyx atrata</i> (1) <i>Prosopis pygmaea</i> (1) <i>Prosopis ziziae</i> (1) <i>Protothyreopus bigeminus</i> (1) <i>Psammochares relativus</i> (1) <i>Pseudopyrellia cornicina</i> (1) <i>Sceliphron cementarius</i> (1) <i>Seladonia fasciata</i> (1) <i>Senotainia trilineata</i> (1) <i>Sparnopolius fulvus</i> (1) <i>Sphaerophoria cylindrica</i> (1) <i>Sphecodes arvensis</i> (1) <i>Syritta pipiens</i> (1) <i>Toxomerus</i> sp. (2) <i>Trichopoda pennipes</i> (1)		
<i>Forestiera godfreyi</i> (GA) (Godfrey's Privet)	Flies Butterflies Bees	Kings Bay Naval Submarine Support Base	G2, S1
<i>Forestiera segregata</i> var. <i>pinetorum</i> (FL) (Florida Pinewood Privet)	Flies Butterflies Bees	Homestead Air Force Base (Closed)	G4T2, S2
<i>Guajacum sanctum</i> (FL) (Holywood Lignumvitae)	<i>Apis mellifera</i>	Key West Naval Air Station	G2, S2
<i>Hartwrightia floridana</i> (FL) (Florida Hartwrightia)	Medium/Large bees	Avon Park Air Force Bombing Range	G2, S2
<i>Helianthus smithii</i> (GA) (Smith's Sunflower)	<i>Calliopsis andreniformis</i> <i>Ceratina dupla</i> <i>Chloralictus tegularis</i> <i>Chloralictus versatus</i> <i>Mesogramma marginata</i> <i>Odontalictus ligatus</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa similis</i>	Fort Benning Military Reservation	G2Q, S1
<i>Hymenocallis henryae</i> (FL) (Henry's Spider-lily)	<i>Paratrea plebeja</i> <i>Battus philenor</i>	Eglin Air Force Base	G2Q, S2

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<i>Hypericum edisonianum</i> (FL) (Edison's Ascyrum)	<i>Agapostemon viridulus</i> (1) <i>Bombias auricomus</i> (1) <i>Bombias separatus</i> (1) <i>Bombus americanorum</i> (1) <i>Bombus consimilis</i> (1) <i>Chelostomoides rufimanus</i> (1) <i>Chloralictus pilosus</i> (1) <i>Chloralictus versatus</i> (1) <i>Toxomerus sp.</i> (2)	Avon Park Air Force Bombing Range	G2, S2
<i>Hypericum lissophloeus</i> (FL) (Smooth-barked St. John's-wort)	<i>Agapostemon viridulus</i> (1) <i>Bombias auricomus</i> (1) <i>Bombias separatus</i> (1) <i>Bombus americanorum</i> (1) <i>Bombus consimilis</i> (1) <i>Chelostomoides rufimanus</i> (1) <i>Chloralictus pilosus</i> (1) <i>Chloralictus versatus</i> (1) <i>Toxomerus sp.</i> (2)	Sunny Hills LTA*	G2, S2
<i>Illicium parviflorum</i> (FL) (Yellow Anisetree)	<i>Bothriocera datura</i> (2) <i>Clinodiplosis sp.</i> (2) <i>Cycloptilium sp.</i> (2) <i>Forcipomyia fuliginosa</i> (2) <i>Giardomyia sp.</i> (2) <i>Lestodiplosis sp.</i> (2) <i>Sisyra apicalus</i> (2) <i>Threticus sp.</i> (2)	Paisley LTA*	G2, S2
<i>Ipomoea microdactyla</i> (FL) (Wild Potato Morning-Glory)	<i>Agapostemon viridulus</i> <i>Apis mellifera</i> <i>Atrytone zabulon</i> <i>Bombias auricomus</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus consimilis</i> <i>Cemolobus ipomoeae</i> <i>Cemolobus oligolege</i> <i>Deilephila lineata</i> <i>Emphor bombiformis</i> <i>Epimelissodes atripes</i> <i>Epimelissodes obliqua</i> <i>Euphoeades troilus</i> <i>Laertias philenor</i> <i>Melissodes bimaculata</i> <i>Melitoma taurea</i> <i>Peponapis pruinosa</i>	Homestead Air Force Base (Closed)	G2, S2

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	<i>Sphinx eremitus</i> <i>Triepeolus remigatus</i> <i>Trochilus colubris</i> <i>Xenoglossa strenua</i>		
<i>Jacquemontia curtissii</i> (FL) (Pineland Jacquemontia)	<i>Melissodes bimaculata</i> <i>Melissodes communis</i> <i>Apis mellifera</i> L. <i>Ceratina cockerelli</i> Smith <i>Agapostemon splendens</i> <i>Augochlora pura</i> <i>Augochlorella striata</i> <i>Augochloropsis anonyma</i> <i>Dialictus (Evyllaeus) nelombensis</i> <i>Dialictus tegularis</i> <i>Dialictus</i> sp. <i>Lasioglossum</i> sp. <i>Nomia</i> cf. <i>maneei</i> <i>Megachile brevis pseudobrevis</i> Mitchell <i>Megachile</i> sp. <i>Campsomeris</i> sp. <i>Scolia nobilitata</i> Fabricius Vespidae <i>Chrysanthrax cypris</i> Bombyliidae <i>Palpada vinetorum</i> <i>Euaesta</i> sp. Tephritidae <i>Litolinga</i> sp. Therevidae Hesperiidae <i>Agraulis vanilla</i> <i>Acanthocelides</i> sp	Homestead Air Force Base (Closed)	G2, S2

Plant Scientific Name, (State), and (Common Name)	Pollinators Scientific or Common Names	Installation(s) in which Plant Species Occur	Conservation Status (Global GRANK -G; State SRANK - S; Federal Listing – C or PS)
<i>Lachnocaulon beyrichianum</i> (NC) (Southern Bog-Button)	wind pollinated	Military Ocean Terminal Sunny Point	G2G3, S2S3
<i>Lantana depressa</i> var. <i>floridana</i> (FL) (Florida shrubverbena)	<i>Ancyloxypha numitor</i> <i>Anosia plexippus</i> <i>Bombus americanorum</i> <i>Epargyreus tityrus</i> <i>Eurymus philodice</i> <i>Heraclides cresphontes</i> <i>Pieris rapae</i> <i>Plusia simplex</i> <i>Pontia protodice</i> <i>Trochilus colubris</i>	Cape Canaveral Air Force Station	G3T2, S2
<i>Lilium iridollae</i> (FL) (Panhandle Lily)	<i>Anosia plexippus</i> (1) <i>Argynnis cybele</i> (1) <i>Bombus caliginosus</i> (2) <i>Bombus flavifrons dimidiatus</i> (2) <i>Calypte anna</i> (2) <i>Euphœades Troilus</i> (1) <i>Selasphorus rufus</i> (2) <i>Stellula calliope</i> (2)	Eglin Air Force Base	G2, S2
<i>Lindera subcoriacea</i> (FL) (Bog Spicebush)	<i>Papilio troilus</i>	Eglin Air Force Base	G2, S1
<i>Linum carteri</i> var. <i>carteri</i> (FL) (Carter's small-flowered Flax)	<i>Listrus</i> sp.	Homestead Air Force Base (Closed)	G2T1, S1, C
<i>Linum sulcatum</i> var. <i>harperi</i> (AL) (Harper's grooved-yellow Flax)	<i>Listrus</i> sp.	R. B. Woodruff Lake	G5T2, S2
<i>Linum westii</i> (FL) (West's Flax)	<i>Listrus</i> sp.	Eglin Air Force Base	G2, S2
<i>Lobelia boykinii</i> (GA) (Boykin's Lobelia)	<i>Agapostemon viridulus</i> <i>Alcidamea simplex</i> <i>Amegilla walshii</i> <i>Ancyloxypha numitor</i> <i>Anosia plexippus</i> <i>Anthidium psoraleae</i> <i>Apis mellifera</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus consimilis</i> <i>Bombus impatiens</i> <i>Ceratina dupla</i>	Robins Air Force Base	G2G3, S2S3

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	<i>Chelostomoides rufimanus</i> <i>Chloralictus pilosus</i> <i>Chloralictus sparsus</i> <i>Chloralictus versatus</i> <i>Chrysophanus thoe</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys rufitarsis</i> <i>Curtisapis coriacea</i> <i>Epimelissodes obliqua</i> <i>Euphœades troilus</i> <i>Everes comyntas</i> <i>Hoplitis cylindricus</i> <i>Laertias philenor</i> <i>Limochores taumas</i> <i>Megachile brevis</i> <i>Megachile petulans</i> <i>Melissodes bimaculata</i> <i>Oligotropus oligolege</i> <i>Oxystoglossa confusa</i> <i>Pholisora catullus</i> <i>Pieris rapae</i> <i>Polites peckius</i> <i>Pontia protodice</i> <i>Seladonia fasciata</i> <i>Systoechus vulgaris</i> <i>Tetralonia dilecta</i> <i>Thanaos juvenalis</i> <i>Trochilus colubris</i>		

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<i>Lupinus westianus</i> (FL) (Gulf Coast Lupine)	<i>Anthidium emarginatum</i> <i>Anthidium mormonum</i> <i>Anthidium tenuiflorae</i> <i>Anthophora urbana</i> <i>Anthophora pacifica</i> <i>Apis mellifera</i> <i>Bombus bifarius nearcticus</i> <i>Bombus caliginosus</i> <i>Bombus centralis</i> <i>Bombus edwardsii</i> <i>Bombus flavifrons dimidiatus</i> <i>Bombus sylvicola</i> <i>Chelostomopsis rubifloris</i> <i>Eristalis hirtus</i> <i>Hylemya dexiata</i> <i>Megachile melanophaea calogaster</i> <i>Osmia bruneri</i> <i>Osmia cara</i> <i>Osmia densa</i> <i>Osmia juxta</i> <i>Osmia lignaria propinqua</i> <i>Osmia nifonta</i> <i>Osmia nigrobarbata</i> <i>Osmia subaustralis</i> <i>Synhalonia lunata</i>	Eglin Air Force Base	G2, S2, (PS)
<i>Lysimachia fraseri</i> (AL) (Fraser Loosestrife)	<i>Macropis ciliata</i> <i>Macropis patellata</i> <i>Macropis steironimata steironimata</i>	Fort McClellan Military Reservation (Closed)	G2, S1
<i>Macbridea caroliniana</i> (GA) (Carolina Bird-in-a-nest)	<i>Bombus sp.</i>	Fort Gordon	G2G3, S1?
<i>Magnolia ashei</i> (FL) (Ashe's Magnolia)	<i>Anaspis Rufa</i> <i>Apis mellifera</i> <i>Copidita thoracica</i> <i>Diabrotica duodecimpunctata</i> <i>Epuraea duryi</i> <i>Mordella melaena</i> <i>Mordella octopunctata</i> <i>Ophistomis Bicolor</i> <i>Sitophilus oryzae</i> <i>Trichiotinus lunulatus</i>	Eglin Air Force Base	G2, S2

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<i>Matelea alabamensis</i> (FL) (Alabama Anglepod)	small flies	Eglin Air Force Base	G2, S2
<i>Matelea floridana</i> (FL) (Florida Milkvine)	small flies	Avon Park Air Force Bombing Range	G2, S2
<i>Monotropsis reynoldsiae</i> (FL) (Pigmy-pipes)	<i>Bombus</i> sp.	TS H H Buckman (Barge Canal)	G1Q, S1
<i>Nuphar lutea</i> ssp. <i>Ulvacea</i> (FL) (West Florida Cowlily)	<i>Apis mellifera</i> <i>Donacia piscatrix</i> <i>Halictus</i> sp.	Eglin Air Force Base	G5T2, S2
<i>Nyssa ursine</i> (FL) (Bear Tupelo)	Small to medium sized bees	Tyndall Air Force Base	G2, S2
<i>Panicum hirstii</i> (NC) (Hirsts' Panic Grass)	<i>Chloralictus versatus</i>	Camp Lejeune Marine Corps Base	G1, S1, C
<i>Phacelia covillei</i> (NC) (Buttercup Scorpion-Weed)	<i>Acmaeodera idahoensis</i> <i>Andrena erecta</i> <i>Andrena medionitens</i> <i>Anthidium clypeodentatum</i> <i>Anthidium collectum</i> <i>Anthidium emarginatum</i> <i>Anthidium tenuiflorae</i> <i>Anthophora urbana</i> <i>Anthrax irroratus irroratus</i> <i>Ashimeadiella</i> sp. <i>Bombus californicus</i> <i>Bombus centralis</i> <i>Bombus flavifrons dimidiatus</i> <i>Dialictus microlepoides</i> <i>Epicauta puncticollis</i> <i>Evyllaesus</i> sp <i>Formica fusca</i> <i>Hoplitis albifrons argentifrons</i> <i>Hoplitis fulgida platyura</i> <i>Megachile melanophaea calogaster</i> <i>Megachile perihirta</i> <i>Metasyrphus lapponicus</i> <i>Osmia bruneri</i> <i>Osmia calla</i> <i>Panurginus</i> sp. <i>Plebejus saepeolus</i>	B. Everett Jordan Lake	G2, S2



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	<i>Pogonomyia amnicola</i> <i>Pseudomasaris coquillettiae</i> <i>Pseudomasaris edwardsii</i> <i>Tenthredo anomocera</i> <i>Vanessa milberti</i> <i>Xeromelecta californica</i>		
<i>Phyllanthus pentaphyllus</i> var. <i>floridanus</i> (FL) (Florida Five-petal Leaf-Flower)	Generalist bees and flies	Homestead Air Force Base (Closed)	G4G5T2, S2
<i>Physostegia correllii</i> (LA) (Correll's False Dragon-Head)	<i>Anosia plexippus</i> <i>Bombus americanorum</i> <i>Bombus consimilis</i> <i>Eurymus philodice</i> <i>Megachile brevis</i> <i>Melissodes bimaculata</i> <i>Trochilus colubris</i>	Bonnett Carre Spillway	G2, S1
<i>Plantanthera integrilabia</i> (AL) (White Fringeless Orchid)	<i>Epargyreus clarus</i> <i>Papilio glaucus</i> <i>Papilio troilus</i>	Fort McClellan Military Reservation (Closed)	G2G3, S2, C
<i>Polygonella macrophylla</i> (FL) (Large-Leaved Jointweed)	<i>Eumenidae</i> wasps <i>Glagellula</i> sp. <i>Perdita polygonellae</i>	Eglin Air Force Base	G2, S2

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<i>Pteroglossaspis ecristata</i> (FL) (Crested Fringed Orchid)	autogamous.	Avon Park Air Force Bombing Range	G2, S2
<i>Pyxidanthra brevifolia</i> (NC) (Well's Pixie-Moss)	<i>Apis mellifera</i> <i>Augochlorella aurata</i> <i>Calliphora vomitoria</i> <i>Campsomeris plumipes fossulana</i> <i>Catharosianebulosa</i> <i>Colletes sp.</i> <i>Emphoropsis laboriosa laboriosa</i> <i>Gonia sp.</i> <i>Halictus sp.</i> <i>Jurinira sp.</i> <i>Linepithema humilis</i> <i>Phaenicia sp.</i> <i>Prenolepis imparis</i>	Pope Air Force Base	G2Q, S2
<i>Rhexia paviflora</i> (FL) (Small-flowered Meadow-beauty)	<i>Bombus sp.</i>	Eglin Air Force Base	G2, S2
<i>Rhexia salicifolia</i> (FL) (Panhandle Meadow-beauty)	<i>Bombus sp.</i>	Eglin Air Force Base	G2, S2
<i>Rhynchospora crinipes</i> (FL) (Hairy-Peduncled Beak-Rush)	wind-pollinated	Eglin Air Force Base	G1, S1
<i>Rhynchospora pleiantha</i> \	wind-pollinated	Military Ocean Terminal Sunny Point	G2, S1

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<i>Rudbeckia scabrifolia</i> (LA) (Bog Coneflower)	<i>Acmaeodera pulchella</i> <i>Aenignostomus longipalpus</i> <i>Agapostemon radiatus</i> <i>Agapostemon viridulus</i> <i>Allograpta obliqua</i> <i>Anthrax alternata</i> <i>Anthrax fulvohirta</i> <i>Anthrax halcyon</i> <i>Anthrax parvicornis</i> <i>Apinops atra</i> <i>Apis mellifera</i> <i>Archytas analis</i> <i>Archytas aterrima</i> <i>Argynnis cybele</i> <i>Argyramoeba oedipus</i> <i>Basilarchia archippus</i> <i>Batyle suturalis</i> <i>Bembix nubillipennis</i> <i>Bembix spinolae</i> <i>Bicyrtes ventralis</i> <i>Bombias auricomus</i> <i>Bombias scutellaris</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus impatiens</i> <i>Calliopsis andreniformis</i> <i>Calliopsis coloradensis</i> <i>Calocoris rapidus</i> <i>Centrias americanus</i> <i>Centrinus scutellum album</i> <i>Ceratina dupla</i> <i>Ceratosoma fasciata</i> <i>Charidryas nycteis</i> <i>Chauliognathus pennsylvanicus</i> <i>Chloralictus albipennis</i> <i>Chloralictus coreopsis</i> <i>Chloralictus pilosus</i> <i>Chloralictus pruinosus</i> <i>Chloralictus sparsus</i> <i>Chloralictus versatus</i> <i>Chloralictus zephyrus</i> <i>Chrysophanus thoe</i> <i>Cistogaster occidua</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys alternata</i>	Fort Polk Military Reservation	G2G3, S2

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	<i>Coelioxys sayi</i> <i>Coenosia antica</i> <i>Colletes americanus</i> <i>Colletes compactus</i> <i>Colletes eulophi</i> <i>Conops brachyrrhynchus</i> <i>Curtisapis coriacea</i> <i>Cyaniris pseudargiolus</i> <i>Cyphocera fucata</i> <i>Cyphopyga montivaga</i> <i>Diabrotica 12-punctata</i> <i>Elis 5-cincta</i> <i>Elis interrupta</i> <i>Epeolus autumnalis</i> <i>Epeolus bifasciatus</i> <i>Epeolus interruptus</i> <i>Epicauta pennsylvanica</i> <i>Epigrimyia floridensis</i> <i>Epigrimyia geniculata</i> <i>Epigrimyia illinoensis</i> <i>Epimelissodes illinoensis</i> <i>Epimelissodes obliqua</i> <i>Eristalis aeneus</i> <i>Eristalis dimidiatus</i> <i>Eristalis latifrons</i> <i>Eristalis transversus</i> <i>Eurymus philodice</i> <i>Euschistus ictericus</i> <i>Eusiphona mira</i> <i>Everes comyntas</i> <i>Evylaeus pectoralis</i> <i>Exetastes suaveolens</i> <i>Exoprosopa decora</i> <i>Exoprosopa emarginata</i> <i>Exoprosopa fasciata</i> <i>Exoprosopa fascipennis</i> <i>Geron calvus</i> <i>Geron rufipes</i> <i>Halictus lerouxii</i> <i>Halictus parallelus</i> <i>Harmostes reflexulus</i> <i>Helophilus latifrons</i> <i>Hesperia montivaga</i> <i>Leionotus anormis</i> <i>Leionotus arvensis</i>		

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	<i>Leionotus molestus</i> <i>Lepidophora lepidocera</i> <i>Leskiomima secunda</i> <i>Leucostoma atra</i> <i>Leucostoma siphonina</i> <i>Limochores taumas</i> <i>Lygus pratensis</i> <i>Macrobasis unicolor</i> <i>Mallota cimbiciformis</i> <i>Megachile 6-dentata</i> <i>Megachile brevis</i> <i>Megachile petulans</i> <i>Melissodes agilis</i> <i>Melissodes autumnalis</i> <i>Melissodes bimaculata</i> <i>Melissodes boltoniae</i> <i>Melissodes coloradensis</i> <i>Melissodes simillima</i> <i>Melissodes trinodis</i> <i>Melissodes vernoniana</i> <i>Mesogramma geminata</i> <i>Mesogramma marginata</i> <i>Mesogramma polita</i> <i>Mordella marginata</i> <i>Mordella scutellaris</i> <i>Neotrypetes truncatus</i> <i>Notoglossa americana</i> <i>Ocyptera argentea</i> <i>Ocyptera lata</i> <i>Ocyptera tenuis</i> <i>Odontalictus ligatus</i> <i>Odontalictus nigristrois</i> <i>Oligotropus oligolege</i> <i>Oncomyia loraria</i> <i>Orthoneura nitida</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa pura</i> <i>Oxystoglossa similis</i> <i>Paragus tibialis</i> <i>Parempis clausa</i> <i>Peleteria robusta</i> <i>Phoranthia humeralis</i> <i>Phoranthia purpurascens</i> <i>Phthiria aldrichi</i> <i>Phthiria cincta</i>		

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	<i>Phthiria sulphurea</i> <i>Phyciodes tharos</i> <i>Pieris rapae</i> <i>Plusia simplex</i> <i>Polistes variatus</i> <i>Polistes peckius</i> <i>Pontia protodice</i> <i>Priononyx atrata</i> <i>Priononyx thomae</i> <i>Proboscimyia siphonina</i> <i>Pseudopanurgus albitarsis</i> <i>Pseudopanurgus asteris</i> <i>Pseudopanurgus compositarum</i> <i>Pseudopanurgus labrosiformis</i> <i>Pseudopanurgus rudbeckiae</i> <i>Pseudopanurgus rugosus</i> <i>Pseudopanurgus solidaginis</i> <i>Pseudopyrellia cornicina</i> <i>Psithyrus variabilis</i> <i>Pterandrena aliciae</i> <i>Pterandrena rudbeckiae</i> <i>Pterochilus 5-fasciatus</i> <i>Ptilodexia abdominalis</i> <i>Sapromyza vulgaris</i> <i>Sayapis pugnata</i> <i>Sayapis sayi</i> <i>Scepsis fulvicollis</i> <i>Scolia bicincta</i> <i>Seladonia fasciata</i> <i>Senotainia trilineata</i> <i>Siphona geniculata</i> <i>Siphonella cinerea</i> <i>Siphoplusia anomala</i> <i>Spallanzania hesperidarum</i> <i>Sparnopolius fulvus</i> <i>Sphaerophoria cylindrica</i> <i>Sphex gracilis</i> <i>Sphex nigricans</i> <i>Sphex pictipennis</i> <i>Sphex vulgaris</i> <i>Spilomyia longicornis</i> <i>Stelidium trypetinum</i> <i>Stictiella pictifrons</i> <i>Syrphoctonus pipiens</i> <i>Syrphus ribesii</i>		

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	<i>Systoechus vulgaris</i> <i>Systropus macer</i> <i>Thecla calanus</i> <i>Toxophora amphitea</i> <i>Trichophora ruficauda</i> <i>Triepeolus concolor</i> <i>Triepeolus cressonii</i> <i>Triepeolus donatus</i> <i>Triepeolus helianthi</i> <i>Triepeolus pectoralis</i> <i>Tropidia mamillata</i> <i>Typocerus sinuatus</i> <i>Uranotes melinus</i> <i>Vanessa huntera</i> <i>Volucella fasciata</i> <i>Zaodontomerus calcaratus</i> <i>Zodion fulvifrons</i> <i>Zodion obliquefasciatum</i>		
<i>Rudbeckia triloba</i> var. <i>Pinnatiloba</i> (AL) (Pinnate-lobed Black-eyed Susan)	<i>Acmaeodera pulchella</i> <i>Aenignostomus longipalpus</i> <i>Agapostemon radiatus</i> <i>Agapostemon viridulus</i> <i>Allograpta obliqua</i> <i>Anthrax alternata</i> <i>Anthrax fulvohirta</i> <i>Anthrax halcyon</i> <i>Anthrax parvicornis</i> <i>Apinops atra</i> <i>Apis mellifera</i> <i>Archytas analis</i> <i>Archytas aterrima</i> <i>Argynnis cybele</i>	R. B. Woodruff Lake	G4G5T2, S2S3

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	<i>Argyramoeba oedipus</i> <i>Basilarchia archippus</i> <i>Batyle suturalis</i> <i>Bembix nubillipennis</i> <i>Bembix spinolae</i> <i>Bicyrtes ventralis</i> <i>Bombias auricomus</i> <i>Bombias scutellaris</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus impatiens</i> <i>Calliopsis andreniformis</i> <i>Calliopsis coloradensis</i> <i>Calocoris rapidus</i> <i>Centrias americanus</i> <i>Centrinus scutellum album</i> <i>Ceratina dupla</i> <i>Ceratosoma fasciata</i> <i>Charidryas nycteis</i> <i>Chauliognathus pennsylvanicus</i> <i>Chloralictus albipennis</i> <i>Chloralictus coreopsis</i> <i>Chloralictus pilosus</i> <i>Chloralictus pruinosus</i> <i>Chloralictus sparsus</i> <i>Chloralictus versatus</i> <i>Chloralictus zephyrus</i> <i>Chrysophanus thoe</i> <i>Cistogaster occidua</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys alternata</i> <i>Coelioxys sayi</i> <i>Coenosia antica</i> <i>Colletes americanus</i> <i>Colletes compactus</i> <i>Colletes eulophi</i> <i>Conops brachyrrhynchus</i> <i>Curtisapis coriacea</i> <i>Cyaniris pseudargiolus</i> <i>Cyphocera fucata</i> <i>Cyphopyga montivaga</i> <i>Diabrotica 12-punctata</i> <i>Elis 5-cincta</i> <i>Elis interrupta</i> <i>Epeolus autumnalis</i>		



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	<i>Epeolus bifasciatus</i> <i>Epeolus interruptus</i> <i>Epicauta pennsylvanica</i> <i>Epigrimyia floridensis</i> <i>Epigrimyia geniculata</i> <i>Epigrimyia illinoensis</i> <i>Epimelissodes illinoensis</i> <i>Epimelissodes obliqua</i> <i>Eristalis aeneus</i> <i>Eristalis dimidiatus</i> <i>Eristalis latifrons</i> <i>Eristalis transversus</i> <i>Eurymus philodice</i> <i>Euschistus ictericus</i> <i>Eusiphona mira</i> <i>Everes comyntas</i> <i>Evylaeus pectoralis</i> <i>Exetastes suaveolens</i> <i>Exoprosopa decora</i> <i>Exoprosopa emarginata</i> <i>Exoprosopa fasciata</i> <i>Exoprosopa fascipennis</i> <i>Geron calvus</i> <i>Geron rufipes</i> <i>Halictus lerouxii</i> <i>Halictus parallelus</i> <i>Harmostes reflexulus</i> <i>Helophilus latifrons</i> <i>Hesperia montivaga</i> <i>Leionotus anormis</i> <i>Leionotus arvensis</i> <i>Leionotus molestus</i> <i>Lepidophora lepidocera</i> <i>Leskiomima secunda</i> <i>Leucostoma atra</i> <i>Leucostoma siphonina</i> <i>Limochores taumas</i> <i>Lygus pratensis</i> <i>Macrobasis unicolor</i> <i>Mallota cimbiciformis</i> <i>Megachile 6-dentata</i> <i>Megachile brevis</i> <i>Megachile petulans</i> <i>Melissodes agilis</i> <i>Melissodes autumnalis</i>		

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	<i>Melissodes bimaculata</i> <i>Melissodes boltoniae</i> <i>Melissodes coloradensis</i> <i>Melissodes simillima</i> <i>Melissodes trinodis</i> <i>Melissodes vernoniana</i> <i>Mesogramma geminata</i> <i>Mesogramma marginata</i> <i>Mesogramma polita</i> <i>Mordella marginata</i> <i>Mordella scutellaris</i> <i>Neotrypetes truncatus</i> <i>Notoglossa americana</i> <i>Ocyptera argentea</i> <i>Ocyptera lata</i> <i>Ocyptera tenuis</i> <i>Odontalictus ligatus</i> <i>Odontalictus nigristrois</i> <i>Oligotropus oligolege</i> <i>Oncomyia loraria</i> <i>Orthoneura nitida</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa pura</i> <i>Oxystoglossa similis</i> <i>Paragus tibialis</i> <i>Parempis clausa</i> <i>Peleteria robusta</i> <i>Phoranthia humeralis</i> <i>Phoranthia purpurascens</i> <i>Phthiria aldrichi</i> <i>Phthiria cincta</i> <i>Phthiria sulphurea</i> <i>Phyciodes tharos</i> <i>Pieris rapae</i> <i>Plusia simplex</i> <i>Polistes variatus</i> <i>Polites peckius</i> <i>Pontia protodice</i> <i>Priononyx atrata</i> <i>Priononyx thomae</i> <i>Proboscimyia siphonina</i> <i>Pseudopanurgus albitarsis</i> <i>Pseudopanurgus asteris</i> <i>Pseudopanurgus compositarum</i> <i>Pseudopanurgus labrosiformis</i>		

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	<i>Pseudopanurgus rudbeckiae</i> <i>Pseudopanurgus rugosus</i> <i>Pseudopanurgus solidaginis</i> <i>Pseudopyrellia cornicina</i> <i>Psithyrus variabilis</i> <i>Pterandrena aliciae</i> <i>Pterandrena rudbeckiae</i> <i>Pterochilus 5-fasciatus</i> <i>Ptilodexia abdominalis</i> <i>Sapromyza vulgaris</i> <i>Sayapis pugnata</i> <i>Sayapis sayi</i> <i>Scepsis fulvicollis</i> <i>Scolia bicincta</i> <i>Seladonia fasciata</i> <i>Senotainia trilineata</i> <i>Siphona geniculata</i> <i>Siphonella cinerea</i> <i>Siphoplusia anomala</i> <i>Spallanzania hesperidarum</i> <i>Sparnopolius fulvus</i> <i>Sphaerophoria cylindrica</i> <i>Sphex gracilis</i> <i>Sphex nigricans</i> <i>Sphex pictipennis</i> <i>Sphex vulgaris</i> <i>Spilomyia longicornis</i> <i>Stelidium trypetinum</i> <i>Stictiella pictifrons</i> <i>Syrpitta pipiens</i> <i>Syrphus ribesii</i> <i>Systoechus vulgaris</i> <i>Systropus macer</i> <i>Thecla calanus</i> <i>Toxophora amphitea</i> <i>Trichophora ruficauda</i> <i>Tripeolus concolor</i> <i>Tripeolus cressonii</i> <i>Tripeolus donatus</i> <i>Tripeolus helianthi</i> <i>Tripeolus pectoralis</i> <i>Tropidia mamillata</i> <i>Typocerus sinuatus</i> <i>Uranotes melinus</i> <i>Vanessa huntera</i>		

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	<i>Volucella fasciata</i> <i>Zaodontomerus calcaratus</i> <i>Zodion fulvifrons</i> <i>Zodion obliquefasciatum</i>		
<i>Sabatia capitata</i> (AL) (Rose Gentian)	Megachilidae (leaf cutter bees) (1-2) Halictidae (sweat bees) (1-2) Syrphidae (hover fly) (1-2) Andrenidae (andrenid bees) (1-2)	Fort McClellan Military Reservation (Closed)	G2, S2
<i>Sachsia polycephala</i> (FL) (Bahama Sachsia)	Small bees Small flies	Homestead Air Force Base (Closed)	G2, S2
<i>Schizachyrium niveum</i> (FL) (Scrub Bluestem)	wind pollinated	Avon Park Air Force Bombing Range	G1, S1

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<i>Scutellaria alabamensis</i> (AL) (Alabama Skullcap)	<i>Alcidamea simplex</i> (1) <i>Ancyloxypha numitor</i> (1) <i>Anthemoessa abrupta</i> (1) <i>Anthophora ursina</i> (1) <i>Atrytone zabulon</i> (1) <i>Bombias auricomus</i> (1) <i>Bombias separatus</i> (1) <i>Bombus americanorum</i> (1) <i>Bombus calignosus</i> (2) <i>Bombus consimilis</i> (1) <i>Bombus impatiens</i> (1) <i>Ceratina dupla</i> (1) <i>Chloralictus pilosus</i> (1) <i>Chloralictus pruinosus</i> (1) <i>Chloralictus sparsus</i> (1) <i>Chloralictus tegularis</i> (1) <i>Chloralictus versatus</i> (1) <i>Clisodon terminalis</i> (1) <i>Diceratasmia conjuncta</i> (1) <i>Epargyreus tityrus</i> (1) <i>Euphœades troilus</i> (1) <i>Evylaeus pectoralis</i> (1) <i>Exoprosopa fasciata</i> (1) <i>Leionotus foraminatus</i> (1) <i>Megachile brevis</i> (1) <i>Melissodes bimaculata</i> (1) <i>Odontalictus ligatus</i> (1) <i>Osmia pumila</i> (1) <i>Oxystoglossa confusa</i> (1) <i>Papilio asterias</i> (1) <i>Pholisora catullus</i> (1) <i>Polistes variatus</i> (1) <i>Rhingia nasica</i> (1) <i>Sphaerophoria cylindrica</i> (1) <i>Syritta pipiens</i> (1) <i>Tetralonia dilecta</i> (1)	Anniston Army Depot	G2, S2

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<i>Scutellaria ocmulgee</i> (GA) (Ocmulgee Skullcap)	<i>Alcidamea simplex</i> (1) <i>Ancyloxypha numitor</i> (1) <i>Anthemoessa abrupta</i> (1) <i>Anthophora ursina</i> (1) <i>Atrytone zabulon</i> (1) <i>Bombias auricomus</i> (1) <i>Bombias separatus</i> (1) <i>Bombus americanorum</i> (1) <i>Bombus calignosus</i> (2) <i>Bombus consimilis</i> (1) <i>Bombus impatiens</i> (1) <i>Ceratina dupla</i> (1) <i>Chloralictus pilosus</i> (1) <i>Chloralictus pruinosus</i> (1) <i>Chloralictus sparsus</i> (1) <i>Chloralictus tegularis</i> (1) <i>Chloralictus versatus</i> (1) <i>Clisodon terminalis</i> (1) <i>Diceratasmia conjuncta</i> (1) <i>Epargyreus tityrus</i> (1) <i>Euphœades troilus</i> (1) <i>Evylaeus pectoralis</i> (1) <i>Exoprosopa fasciata</i> (1) <i>Leionotus foraminatus</i> (1) <i>Megachile brevis</i> (1) <i>Melissodes bimaculata</i> (1) <i>Odontalictus ligatus</i> (1) <i>Osmia pumila</i> (1) <i>Oxystoglossa confusa</i> (1) <i>Papilio asterias</i> (1) <i>Pholisora catullus</i> (1) <i>Polistes variatus</i> (1) <i>Rhingia nasica</i> (1) <i>Sphaerophoria cylindrica</i> (1) <i>Syritta pipiens</i> (1) <i>Tetralonia dilecta</i> (1)	Robins Air Force Base	G2, S2
<i>Sideroxylon thornei</i> (FL) (Swamp Buckthorn)	Small bees Flies Beetles	Eglin Air Force Base	G2, S1
<i>Silene ovata</i> (AL) (Ovate Catchfly)	<i>Anthidium emarginatum</i> (2) <i>Anthidium tenuiflorae</i> (2) <i>Anthophora urbana</i> (2) <i>Apis mellifera</i> (2) <i>Bombus americanorum</i> (1)	William Dannelly Reservoir	G2G3, S1

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	<i>Bombus sylvicola</i> (2) <i>Bombyllus cachinnans</i> (2) <i>Celerio lineata</i> (2) <i>Chloralictus pilosus</i> (1) <i>Dialictus microlepidoides</i> (2) <i>Dialictus nevadensis</i> (2) <i>Hoplitis albifrons argentifrons</i> (2) <i>Pseudomasaris zonalis</i> (2)		
<i>Silphium brachiatum</i> (AL) (Cumberland Rosinweed)	<i>Agapostemon radiatus</i> <i>Agapostemon splendens</i> <i>Agapostemon texanus</i> <i>Agapostemon viridulus</i> <i>Allograpta obliqua</i> <i>Anosia plexippus</i> <i>Anthrax alternata</i> <i>Anthrax halcyon</i> <i>Apis mellifera</i> <i>Archytas aterrima</i> <i>Atrytone delaware</i> <i>Atrytone zabulon</i> <i>Basilarchia archippus</i> <i>Basilarchia astyanax</i> <i>Bombias scutellaris</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus consimilis</i> <i>Bombus impatiens</i> <i>Ceratina dupla</i> <i>Charidryas nycteis</i> <i>Chloralictus pilosus</i> <i>Chloralictus sparsus</i> <i>Chloralictus versatus</i> <i>Chrysophanus thoe</i> <i>Cistogaster occidua</i> <i>Coelioxys germana</i> <i>Cyphopyga montivaga</i> <i>Epargyreus tityrus</i> <i>Epimelissodes obliqua</i> <i>Eristalis latifrons</i> <i>Eristalis tenax</i> <i>Eristalis transversus</i> <i>Euphoades troilus</i> <i>Eurymus philodice</i> <i>Evylaeus pectoralis</i>	Redstone Arsenal	G2, S2

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	<i>Exoprosopa fasciata</i> <i>Geron rufipes</i> <i>Halictus lerouxii</i> <i>Heraclides cressphontes</i> <i>Jasoniades glaucus</i> <i>Laertias philenor</i> <i>Leionotus dorsalis</i> <i>Limochores taumas</i> <i>Megachile 6-dentata</i> <i>Megachile brevis</i> <i>Megachile mendica</i> <i>Megachile petulans</i> <i>Melissodes agilis</i> <i>Melissodes bimaculata</i> <i>Melissodes coloradensis</i> <i>Melissodes simillima</i> <i>Melissodes trinodis</i> <i>Melissodes vernoniana</i> <i>Milesia ornata</i> <i>Odontalictus ligatus</i> <i>Oxystoglossa confusa</i> <i>Pholisora catullus</i> <i>Physocephala tibialis</i> <i>Polygonia interrogationis</i> <i>Pontia protodice</i> <i>Pseudopanurgus labrosiformis</i> <i>Pseudopanurgus rugosus</i> <i>Pterandrena aliciae</i> <i>Pterandrena pulchella</i> <i>Sayapis pollicaris</i> <i>Sayapis pugnata</i> <i>Sayapis sayi</i> <i>Scolia bicincta</i> <i>Sparnopolius fulvus</i> <i>Sphex procera</i> <i>Systoechus vulgaris</i> <i>Triepeolus concavus</i> <i>Triepeolus concolor</i> <i>Triepeolus lunatus</i> <i>Triepeolus remigatus</i> <i>Triepeolus simplex</i> <i>Trochilus colubris</i> <i>Tropidia mamillata</i> <i>Vanessa atalanta</i> <i>Vanessa cardui</i>		



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	<i>Vanessa huntera</i> <i>Zodion fulvifrons</i> <i>Zodion obliquefasciatum</i>		
<i>Solidago villosicarpa</i> (NC) (Leblond's Goldenrod)	<i>Actia pilipennis</i> <i>Agathis areolata</i> <i>Ageniella petiolata</i> <i>Allograpta obliqua</i> <i>Alophora aeneoventris</i> <i>Alydus pilosulus</i> <i>Alyson trianguliferus</i> <i>Ammobia ichneumonea</i> <i>Ammobia pennsylvanica</i> <i>Amobia distincta</i> <i>Anacrabro ocellatus</i> <i>Ancistrocerus campestris</i> <i>Ancistrocerus capra</i> <i>Ancistrocerus catskillensis</i> <i>Ancistrocerus tigris</i> <i>Andrena nubecula</i> <i>Anoplius illinoensis</i> <i>Anosia plexippus</i> <i>Anthrax alternata</i> <i>Apinops atra</i> <i>Apis mellifera</i> <i>Archytas aterrima</i> <i>Archytas aterrima</i> <i>Ashmeadiella buconis</i> <i>Augochlora viridula</i> <i>Basilarchia archippus</i>	Camp Lejeune Marine Corps Base	G1, S1

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	<i>Belvosia unifasciata</i> <i>Bembix nubillipennis</i> <i>Bombias auricomus</i> <i>Bombias scutellaris</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus consimilis</i> <i>Bombus impatiens</i> <i>Bracon simplex</i> <i>Bracon vernoniae</i> <i>Bruchus obsoletus</i> <i>Callida punctata</i> <i>Calliopsis coloradensis</i> <i>Calocoris rapidus</i> <i>Calythea albicincta</i> <i>Carneades velleripennis</i> <i>Ceratina dupla</i> <i>Ceratosoma fasciata</i> <i>Cerceris astarte</i> <i>Cerceris clypeata</i> <i>Cerceris compacta</i> <i>Cerceris finitima</i> <i>Cerceris fulvipes</i> <i>Cerceris kennicottii</i> <i>Cerceris prominens</i> <i>Ceropales bipunctata</i> <i>Ceropales elegans</i> <i>Ceropales fraterna</i> <i>Ceropales fulvipes</i> <i>Chauliognathus pennsylvanicus</i> <i>Chelonus sericeus</i> <i>Chilosia punctulata</i> <i>Chloralictus albipennis</i> <i>Chloralictus illinoensis</i> <i>Chloralictus sparsus</i> <i>Chloralictus tegularis</i> <i>Chloralictus versatus</i> <i>Chlorops proxima</i> <i>Chrysophanus thoe</i> <i>Cistogaster occidua</i> <i>Clytochrysus obscurus</i> <i>Coccinella 9-notata</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys sayi</i> <i>Colletes americanus</i>		

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	<i>Colletes armatus</i> <i>Colletes compactus</i> <i>Colletes eulophi</i> <i>Collops 4-maculatus</i> <i>Compsomyia macellaria</i> <i>Conops brachyrrhynchus</i> <i>Conops sylvosus</i> <i>Conops xanthopareus</i> <i>Crambus laqueatellus</i> <i>Cremastus retiniae</i> <i>Cryptocheilus agenioides</i> <i>Curtisapis coriacea</i> <i>Curtisapis forbesii</i> <i>Cyllene decorus</i> <i>Cyllene robiniae</i> <i>Diabrotica 12-punctata</i> <i>Diabrotica longicornis</i> <i>Diabrotica vittata</i> <i>Drasteria erechtea</i> <i>Elis 5-cincta</i> <i>Elis interrupta</i> <i>Ennyomma clistoides</i> <i>Ennyomma nigrifrons</i> <i>Epeolus autumnalis</i> <i>Epeolus bifasciatus</i> <i>Epeolus pusillus</i> <i>Epicauta pennsylvanica</i> <i>Epimelissodes obliqua</i> <i>Episyron biguttatus</i> <i>Eristalis bastardi</i> <i>Eristalis dimidiatus</i> <i>Eristalis flavipes</i> <i>Eristalis latifrons</i> <i>Eristalis tenax</i> <i>Eucerceris zonatus</i> <i>Eumenes fraternus</i> <i>Euphoria sepulchralis</i> <i>Eurema lisa</i> <i>Euryceromyia robertsonii</i> <i>Eurymus philodice</i> <i>Everes comyntas</i> <i>Evylaeus pectoralis</i> <i>Exoprosopa decora</i> <i>Exoprosopa fascipennis</i> <i>Feltia subgothica</i>		

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	<i>Foenus tarsatorius</i> <i>Geron rufipes</i> <i>Gonochrysis perpulchra</i> <i>Graphomyia americana</i> <i>Gymnoprosope clarifrons</i> <i>Gymnosoma fuliginosa</i> <i>Halictus lerouxii</i> <i>Hedychrum violaceum</i> <i>Hedychrum wiltii</i> <i>Helicobia helici</i> <i>Heliothis armiger</i> <i>Helophilus latifrons</i> <i>Helophilus similis</i> <i>Heodes hypophlaeas</i> <i>Heterosarus parvus</i> <i>Hilarella aristalis</i> <i>Hippodamea glacialis</i> <i>Holonomada placida</i> <i>Hypocrabro 10-maculatus</i> <i>Iphiaulax rugator</i> <i>Isodontia apicalis</i> <i>Lampronota americana</i> <i>Lampronota varia</i> <i>Larropsis distincta</i> <i>Leionotus anormis</i> <i>Leionotus arvensis</i> <i>Leionotus foraminatus</i> <i>Leionotus histrionalis</i> <i>Leionotus scrophulariae</i> <i>Leionotus vagus</i> <i>Leionotus ziziae</i> <i>Leucospis affinis</i> <i>Limneria eurycreontis</i> <i>Lindenius errans</i> <i>Linnaemyia compta</i> <i>Lophocrabro singularis</i> <i>Lucilia caesar</i> <i>Lucilia sericata</i> <i>Lygaeus turcicus</i> <i>Lygus pratensis</i> <i>Machaeris stygia</i> <i>Megachile brevis</i> <i>Megastizus brevipennis</i> <i>Megilla maculata</i> <i>Melissodes autumnalis</i>		

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	<i>Melissodes boltoniae</i> <i>Melissodes nivea</i> <i>Melissodes simillima</i> <i>Melissodes trinodis</i> <i>Mesogramma geminata</i> <i>Mesogramma marginata</i> <i>Mesogramma polita</i> <i>Metopius polycinctorius</i> <i>Microdus simillimus</i> <i>Milesia ornata</i> <i>Mimesa cressonii</i> <i>Morellia micans</i> <i>Musca domestica</i> <i>Myodites fasciatus</i> <i>Nemotelus glaber</i> <i>Neotrypetes productus</i> <i>Neotrypetes truncatus</i> <i>Nomada vicina</i> <i>Notoglossa americana</i> <i>Notoglossa frontalis</i> <i>Ocyptera tenuis</i> <i>Odontalictus ligatus</i> <i>Oncomyia loraria</i> <i>Orhoneura nitida</i> <i>Oxybelus 4-notatus</i> <i>Oxybelus niger</i> <i>Oxystoglossa similis</i> <i>Pachyophthalmus signatus</i> <i>Paradidyma singularis</i> <i>Paragus bicolor</i> <i>Paragus tibialis</i> <i>Paralictus platyparius</i> <i>Parempis clausa</i> <i>Peleteria robusta</i> <i>Perdita 8-maculata</i> <i>Perilampus cyaneus</i> <i>Perilampus fulvicornis</i> <i>Perilampus robertsonii</i> <i>Phasioclista metallica</i> <i>Philanthus punctatus</i> <i>Philanthus ventilabris</i> <i>Phorantha magna</i> <i>Phorantha pruinosa</i> <i>Phorbia acra</i> <i>Phyciodes tharos</i>		

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	<i>Physocephala texana</i> <i>Physocephala tibialis</i> <i>Planiceps niger</i> <i>Platychirus hyperboreus</i> <i>Platychirus quadratus</i> <i>Poecilopompilus interruptus</i> <i>Poecilopompilus navus</i> <i>Polidea areos</i> <i>Polistes annularis</i> <i>Polistes pallipes</i> <i>Polistes rubiginosus</i> <i>Polistes variatus</i> <i>Polistes peckius</i> <i>Pompiloides marginatus</i> <i>Pompiloides subviolaceus</i> <i>Priocnemoides fulvicornis</i> <i>Priononyx atrata</i> <i>Priononyx thomae</i> <i>Prosopis illinoensis</i> <i>Prosopis pygmaea</i> <i>Prosopis sayi</i> <i>Prosopis ziziae</i> <i>Protothyreopus bigeminus</i> <i>Protothyreopus rufifemur</i> <i>Psammochares relativus</i> <i>Pseudopanurgus asteris</i> <i>Pseudopanurgus compositarum</i> <i>Pseudopanurgus labrosiformis</i> <i>Pseudopanurgus solidaginis</i> <i>Pseudoplisus phaleratus</i> <i>Pseudopyrellia cornicina</i> <i>Psithyrus variabilis</i> <i>Pterandrena asteris</i> <i>Pterandrena solidaginis</i> <i>Rhopalum scutellatum</i> <i>Robertsonomyia palpalis</i> <i>Saparnopoliulus fulvus</i> <i>Sarcophaga cimbicis</i> <i>Sarcophaga hunteri</i> <i>Sceliphron cementarius</i> <i>Scepsis fulvicollis</i> <i>Scolia bicincta</i> <i>Scolia nobilitata</i> <i>Seladonia fasciata</i> <i>Senotainia rubriventris</i>		

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	<i>Senotainia trilineata</i> <i>Silaon inerme</i> <i>Siphona geniculata</i> <i>Siphoplagia anomala</i> <i>Siphoplagia flaccidirostris</i> <i>Solenius interruptus</i> <i>Spallanzania hesperidarum</i> <i>Sparnopolius fulvus</i> <i>Sphaerophoria cylindrica</i> <i>Sphecodes heraclei</i> <i>Sphecodium cressonii</i> <i>Sphecodium smilacinae</i> <i>Sphex nigricans</i> <i>Sphex pictipennis</i> <i>Sphex procera</i> <i>Sphex vulgaris</i> <i>Spilomyia 4-fasciata</i> <i>Spilomyia longicornis</i> <i>Spilomyia quadrifasciata</i> <i>Stelidium trypetinum</i> <i>Stizus unicinctus</i> <i>Stomoxys calcitrans</i> <i>Stylogaster biannulata</i> <i>Synothyreopus tumidus</i> <i>Syritta pipiens</i> <i>Syrphus americanus</i> <i>Syrphus arcuatus</i> <i>Systropus macer</i> <i>Tachysphex acutus</i> <i>Tiphia punctata</i> <i>Toxophora amphitea</i> <i>Trichopoda plumipes</i> <i>Triepeolus cressonii</i> <i>Triepeolus pectoralis</i> <i>Triepeolus pennipes</i> <i>Tropidia mamillata</i> <i>Trypeta humilis</i> <i>Trypeta solaris</i> <i>Utetheisa bella</i> <i>Vanessa cardui</i> <i>Vanessa huntera</i> <i>Vespula cuneata</i> <i>Vespula germanica</i> <i>Xanthogramma emarginata</i> <i>Xanthomelana arcuata</i>		

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	<i>Xanthosarus latimanus</i> <i>Xestocrabro 6-maculatus</i> <i>Zethus spinipes</i> <i>Zodion obliquefasciatum</i>		
<i>Stylisma pickeringii</i> var. <i>pickeringii</i> (GA) (Pickering's Morning Glory)	<i>Agapostemon splendens</i> <i>Apis mellifera</i> <i>Dialictus</i> sp. <i>Heterostylum croceum</i> <i>Perdita</i> sp. <i>Toxomerus marginatus</i>	Fort Benning Military Reservation	G4T2T3, S2
<i>Symphyotrichum georgianum</i> (GA) (Georgia Aster)	<i>Actia pilipennis</i> <i>Agapostemon radiatus</i> <i>Agapostemon splendens</i> <i>Agapostemon texanus</i> <i>Agapostemon viridulus</i> <i>Agathis vulgaris</i> <i>Allograpta obliqua</i> <i>Alophora aeneoventris</i> <i>Alophora pulvereae</i> <i>Alydus eurinus</i> <i>Alydus pilosulus</i> <i>Ammobia ichneumonea</i> <i>Ancistrocerus campestris</i> <i>Ancistrocerus capra</i> <i>Ancistrocerus catskillensis</i> <i>Ancistrocerus tigris</i> <i>Andrena nubecula</i> <i>Anoplius illinoensis</i> <i>Anosia plexippus</i> <i>Anthemois centuncularis</i> <i>Anthidium psoraleae</i> <i>Anthophora ursina</i> <i>Anthrax alternata</i> <i>Anthrax halcyon</i> <i>Anthrax hypomelas</i> <i>Apinops atra</i> <i>Apis mellifera</i> <i>Archytas analis</i>	Lake Sidney Lanier (Army Corp. of Engineers site, not a DoD installation)	G2G3, S2, C



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	<i>Archytas aterrima</i> <i>Argyramoeba albofasciata</i> <i>Atalopedes huron</i> <i>Augochlora fervida</i> <i>Augochlora viridula</i> <i>Baccha clavata</i> <i>Baccha fuscipennis</i> <i>Basilarchia astyanax</i> <i>Belvosia bifasciata</i> <i>Belvosia unifasciata</i> <i>Bicyrtes ventralis</i> <i>Bombias auricomus</i> <i>Bombias scutellaris</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus consimilis</i> <i>Bombus impatiens</i> <i>Bombylius major</i> <i>Bracon longicauda</i> <i>Callidryas eubule</i> <i>Calliopsis andreniformis</i> <i>Calythea albicincta</i> <i>Celatoria diabroticae</i> <i>Ceratina dupla</i> <i>Cerceris astarte</i> <i>Cerceris bicornuta</i> <i>Cerceris clypeata</i> <i>Cerceris fulvipes</i> <i>Cerceris prominens</i> <i>Ceropales fraterna</i> <i>Chaetogaedia crebra</i> <i>Chaetopsis aenea</i> <i>Chalcis flavipes</i> <i>Charidryas nycteis</i> <i>Chauliognathus pennsylvanicus</i> <i>Chelonus sericeus</i> <i>Chilosia punctulata</i> <i>Chloralictus coreopsis</i> <i>Chloralictus foveolatus</i> <i>Chloralictus illinoensis</i> <i>Chloralictus obscurus</i> <i>Chloralictus pilosus</i> <i>Chloralictus pruinosus</i> <i>Chloralictus smilacinae</i> <i>Chloralictus sparsus</i>		

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	<i>Chloralictus tegularis</i> <i>Chloralictus versatus</i> <i>Chloralictus zephyrus</i> <i>Chrysophanus thoe</i> <i>Cistogaster occidua</i> <i>Clytiomyia flava</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys rufitarsis</i> <i>Coelioxys sayi</i> <i>Coenosia 6-notata</i> <i>Coenosia antennalis</i> <i>Coenosia antica</i> <i>Colletes americanus</i> <i>Colletes armatus</i> <i>Colletes compactus</i> <i>Colletes eulophi</i> <i>Compsomyia macellaria</i> <i>Conops xanthopareus</i> <i>Curtisapis coriacea</i> <i>Curtisapis forbesii</i> <i>Curtisapis fuscipennis</i> <i>Cyaniris pseudargiolus</i> <i>Cyllene robiniae</i> <i>Cynomyia cadaverina</i> <i>Cyphocera fucata</i> <i>Diabrotica 12-punctata</i> <i>Diabrotica longicornis</i> <i>Diabrotica vittata</i> <i>Dialictus anomalus</i> <i>Dialonia antennariae</i> <i>Dilophus serotinus</i> <i>Distichona varia</i> <i>Drasteria erectea</i> <i>Elis 5-cincta</i> <i>Elis interrupta</i> <i>Ennyomma globosa</i> <i>Epargyreus tityrus</i> <i>Epeolus autumnalis</i> <i>Epeolus bifasciatus</i> <i>Epeolus pusillus</i> <i>Epicauta pennsylvanica</i> <i>Epigrimyia floridensis</i> <i>Epimelissodes obliqua</i> <i>Episyron biguttatus</i> <i>Eristalis aeneus</i>		

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	<i>Eristalis bastardi</i> <i>Eristalis dimidiatus</i> <i>Eristalis flavipes</i> <i>Eristalis latifrons</i> <i>Eristalis tenax</i> <i>Eristalis transversus</i> <i>Eucerceris zonatus</i> <i>Eumenes fraternus</i> <i>Euphoria sepulchralis</i> <i>Euphorocera claripennis</i> <i>Euptoieta claudia</i> <i>Eurema lisa</i> <i>Eurymus philodice</i> <i>Euthera tentatrix</i> <i>Everes comyntas</i> <i>Evylaeus 4-maculatus</i> <i>Evylaeus arcuatus</i> <i>Evylaeus foxii</i> <i>Evylaeus pectoralis</i> <i>Exetastes obscurus</i> <i>Exoprosopa decora</i> <i>Exoprosopa fasciata</i> <i>Exoprosopa fascipennis</i> <i>Feltia subgothica</i> <i>Geranomyia canadensis</i> <i>Geron rufipes</i> <i>Gonochrysis perpulchra</i> <i>Graphomyia americana</i> <i>Gymnosoma fuliginosa</i> <i>Halictus lerouxii</i> <i>Halictus parallelus</i> <i>Harmostes reflexulus</i> <i>Helicobia 4-setosa</i> <i>Helicobia helcis</i> <i>Heliothis armiger</i> <i>Helophilus latifrons</i> <i>Helophilus similis</i> <i>Hesperia montivaga</i> <i>Heterosarus parvus</i> <i>Holonomada placida</i> <i>Holonomada vincta</i> <i>Hylemyia laevis</i> <i>Hylephila phylaeus</i> <i>Hypatus bachmanni</i> <i>Hypocrabro 10-maculatus</i>		

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	<i>Hypostena barbata</i> <i>Isodontia apicalis</i> <i>Junonia coenia</i> <i>Lampronota varia</i> <i>Larropsis distincta</i> <i>Leionotus anormis</i> <i>Leionotus arvensis</i> <i>Leionotus clypeatus</i> <i>Leionotus dorsalis</i> <i>Leionotus foraminatus</i> <i>Leionotus fulvipes</i> <i>Leionotus fundatus</i> <i>Leionotus histrionalis</i> <i>Leionotus scrophulariae</i> <i>Leskiomima prima</i> <i>Leucostoma atra</i> <i>Leucostoma neomexicana</i> <i>Leucostoma nigricornis</i> <i>Limnophora narona</i> <i>Limochores taumas</i> <i>Linnaemyia compta</i> <i>Lophopompilus philadelphicus</i> <i>Lucilia caesar</i> <i>Lucilia sericata</i> <i>Lucilia sylvarum</i> <i>Lygaeus turcicus</i> <i>Lygus pratensis</i> <i>Machaeris stygia</i> <i>Macquartia pristis</i> <i>Megachile brevis</i> <i>Megachile generosa</i> <i>Megachile mendica</i> <i>Melissodes agilis</i> <i>Melissodes asteris</i> <i>Melissodes autumnalis</i> <i>Melissodes bimaculata</i> <i>Melissodes boltoniae</i> <i>Melissodes nivea</i> <i>Melissodes simillima</i> <i>Melissodes trinodis</i> <i>Mesogramma geminata</i> <i>Mesogramma marginata</i> <i>Metopius polycinctorius</i> <i>Milesia ornata</i> <i>Mimesa cressonii</i>		

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	<i>Musca domestica</i> <i>Myospila mediatubunda</i> <i>Nathalis iole</i> <i>Neotrypetes productus</i> <i>Neotrypetes truncatus</i> <i>Notogonidea argentata</i> <i>Ocyptera lata</i> <i>Ocyptera tenuis</i> <i>Odontalictus ligatus</i> <i>Oncomyia loraria</i> <i>Orhoneura nitida</i> <i>Osmia atriventris</i> <i>Osmia collinsiae</i> <i>Osmia illinoensis</i> <i>Osmia pumila</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa pura</i> <i>Oxystoglossa similis</i> <i>Papilio asterias</i> <i>Paradidyma singularis</i> <i>Paragus bicolor</i> <i>Paragus tibialis</i> <i>Paralictus platyparius</i> <i>Parempis clausa</i> <i>Peleteria robusta</i> <i>Perdita 8-maculata</i> <i>Philanthus politus</i> <i>Philanthus punctatus</i> <i>Philanthus ventilabris</i> <i>Phorantha asteris</i> <i>Phorantha magna</i> <i>Phorantha pruinosa</i> <i>Phorantha purpurascens</i> <i>Phorbia acra</i> <i>Phorbia platura</i> <i>Phormia regina</i> <i>Phyciodes tharos</i> <i>Physocephala texana</i> <i>Physocephala tibialis</i> <i>Pieris rapae</i> <i>Pipiza nigribarba</i> <i>Pipiza pulchella</i> <i>Planiceps feralis</i> <i>Platychirus quadratus</i> <i>Plusia simplex</i>		

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	<i>Polistes annularis</i> <i>Polistes pallipes</i> <i>Polistes rubiginosus</i> <i>Polistes variatus</i> <i>Polistes peckius</i> <i>Pontia protodice</i> <i>Priononyx atrata</i> <i>Prosopis illinoensis</i> <i>Prosopis pygmaea</i> <i>Proteraner ranunculi</i> <i>Protothyreopus rufifemur</i> <i>Pseudopanurgus albitarsis</i> <i>Pseudopanurgus asteris</i> <i>Pseudopanurgus compositarum</i> <i>Pseudopyrellia cornicina</i> <i>Psithyrus variabilis</i> <i>Pterallastes thoracicus</i> <i>Pterandrena asteris</i> <i>Pterandrena helianthi</i> <i>Pterandrena pulchella</i> <i>Pterandrena solidaginis</i> <i>Ptilodexia abdominalis</i> <i>Robertsonomyia palpalis</i> <i>Sarcophaga assidua</i> <i>Sarcophaga cimbicis</i> <i>Sarcophaga hunteri</i> <i>Sayapis sayi</i> <i>Scepsis fulvicollis</i> <i>Scolia bicincta</i> <i>Seladonia fasciata</i> <i>Senotainia rubriventris</i> <i>Senotainia trilineata</i> <i>Sericomyia chrysotoxoides</i> <i>Sinea diadema</i> <i>Siphona geniculata</i> <i>Siphoplaga anomala</i> <i>Siphoplaga flaccidirostris</i> <i>Solenius interruptus</i> <i>Spallanzania hesperidarum</i> <i>Sparnopolius fulvus</i> <i>Sphaerophoria cylindrica</i> <i>Sphecodium cressonii</i> <i>Sphex gracilis</i> <i>Sphex nigricans</i> <i>Sphex pictipennis</i>		

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	<i>Sphex procera</i> <i>Sphex vulgaris</i> <i>Spilomyia 4-fasciata</i> <i>Spilomyia longicornis</i> <i>Stelidium trypetinum</i> <i>Stizus unicinctus</i> <i>Stomoxys calcitrans</i> <i>Sturmia phyciodes</i> <i>Stylogaster biannulata</i> <i>Symmorphus debilis</i> <i>Synothyreopus tumidus</i> <i>Syritta pipiens</i> <i>Syrphus americanus</i> <i>Syrphus arcuatus</i> <i>Syrphus ribesii</i> <i>Syrphus torvus</i> <i>Systoechus vulgaris</i> <i>Systropus macer</i> <i>Tachytes obscurus</i> <i>Tetralonia dilecta</i> <i>Tetralonia dubitata</i> <i>Tetralonia robertsonii</i> <i>Thanaos icelus</i> <i>Thanaos juvenalis</i> <i>Thanaos martialis</i> <i>Toxophora amphitea</i> <i>Trichophora ruficauda</i> <i>Trichopoda pennipes</i> <i>Triepeolus concolor</i> <i>Triepeolus cressonii</i> <i>Triepeolus donatus</i> <i>Triepeolus micropygius</i> <i>Triepeolus pectoralis</i> <i>Tropidia albistylum</i> <i>Tropidia mamillata</i> <i>Trypeta humilis</i> <i>Uranotes melinus</i> <i>Vanessa cardui</i> <i>Vanessa huntera</i> <i>Vespula cuneata</i> <i>Vespula germanica</i> <i>Vespula maculata</i> <i>Winthemia 4-pustulata</i> <i>Xanthidia nicippe</i> <i>Xanthogramma emarginata</i>		

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	<i>Xanthomelana arcuata</i> <i>Xanthosarus latimanus</i> <i>Zaodontomerus calcaratus</i> <i>Zendalia zendaloides</i> <i>Zerene caesonia</i> <i>Zodion fulvifrons</i> <i>Zodion nanellum</i>		



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<i>Symphyotrichum racemosum</i> var. 2 (FL) (Apalachicola River Aster)	<i>Actia pilipennis</i> <i>Agapostemon radiatus</i> <i>Agapostemon splendens</i> <i>Agapostemon texanus</i> <i>Agapostemon viridulus</i> <i>Agathis vulgaris</i> <i>Allograpta obliqua</i> <i>Alophora aeneoventris</i> <i>Alophora pulverea</i> <i>Alydus eurinus</i> <i>Alydus pilosulus</i> <i>Ammobia ichneumonea</i> <i>Ancistrocerus campestris</i> <i>Ancistrocerus capra</i> <i>Ancistrocerus catskillensis</i> <i>Ancistrocerus tigris</i> <i>Andrena nubecula</i> <i>Anoplius illinoensis</i> <i>Anosia plexippus</i> <i>Anthemois centuncularis</i> <i>Anthidium psoraleae</i> <i>Anthophora ursina</i> <i>Anthrax alternata</i> <i>Anthrax halcyon</i> <i>Anthrax hypomelas</i> <i>Apinops atra</i> <i>Apis mellifera</i> <i>Archytas analis</i> <i>Archytas aterrima</i> <i>Argyramoeba albofasciata</i> <i>Atalopedes huron</i> <i>Augochlora fervida</i> <i>Augochlora viridula</i> <i>Baccha clavata</i> <i>Baccha fuscipennis</i> <i>Basilarchia astyanax</i> <i>Belvosia bifasciata</i> <i>Belvosia unifasciata</i> <i>Bicyrtes ventralis</i> <i>Bombias auricomus</i> <i>Bombias scutellaris</i> <i>Bombias separatus</i> <i>Bombus americanorum</i> <i>Bombus consimilis</i> <i>Bombus impatiens</i>	Lake Seminole	G4G5T1Q, S1

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	<i>Bombylius major</i> <i>Bracon longicauda</i> <i>Callidryas eubule</i> <i>Calliopsis andreniformis</i> <i>Calythea albicincta</i> <i>Celatoria diabroticae</i> <i>Ceratina dupla</i> <i>Cerceris astarte</i> <i>Cerceris bicornuta</i> <i>Cerceris clypeata</i> <i>Cerceris fulvipes</i> <i>Cerceris prominens</i> <i>Ceropales fraterna</i> <i>Chaetogaedia crebra</i> <i>Chaetopsis aenea</i> <i>Chalcis flavipes</i> <i>Charidryas nycteis</i> <i>Chauliognathus pennsylvanicus</i> <i>Chelonus sericeus</i> <i>Chilosia punctulata</i> <i>Chloralictus coreopsis</i> <i>Chloralictus foveolatus</i> <i>Chloralictus illinoensis</i> <i>Chloralictus obscurus</i> <i>Chloralictus pilosus</i> <i>Chloralictus pruinus</i> <i>Chloralictus smilacinae</i> <i>Chloralictus sparsus</i> <i>Chloralictus tegularis</i> <i>Chloralictus versatus</i> <i>Chloralictus zephyrus</i> <i>Chrysophanus thoe</i> <i>Cistogaster occidua</i> <i>Clytiomyia flava</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys rufitarsis</i> <i>Coelioxys sayi</i> <i>Coenosia 6-notata</i> <i>Coenosia antennalis</i> <i>Coenosia antica</i> <i>Colletes americanus</i> <i>Colletes armatus</i> <i>Colletes compactus</i> <i>Colletes eulophi</i> <i>Compsomyia macellaria</i>		

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	<i>Conops xanthopareus</i> <i>Curtisapis coriacea</i> <i>Curtisapis forbesii</i> <i>Curtisapis fuscipennis</i> <i>Cyaniris pseudargiolus</i> <i>Cyllene robiniae</i> <i>Cynomyia cadaverina</i> <i>Cyphocera fucata</i> <i>Diabrotica 12-punctata</i> <i>Diabrotica longicornis</i> <i>Diabrotica vittata</i> <i>Dialictus anomalus</i> <i>Dialonia antennariae</i> <i>Dilophus serotinus</i> <i>Distichona varia</i> <i>Drasteria erechtea</i> <i>Elis 5-cincta</i> <i>Elis interrupta</i> <i>Ennyomma globosa</i> <i>Epargyreus tityrus</i> <i>Epeolus autumnalis</i> <i>Epeolus bifasciatus</i> <i>Epeolus pusillus</i> <i>Epicauta pennsylvanica</i> <i>Epigrimyia floridensis</i> <i>Epimelissodes obliqua</i> <i>Episyron biguttatus</i> <i>Eristalis aeneus</i> <i>Eristalis bastardi</i> <i>Eristalis dimidiatus</i> <i>Eristalis flavipes</i> <i>Eristalis latifrons</i> <i>Eristalis tenax</i> <i>Eristalis transversus</i> <i>Eucerceris zonatus</i> <i>Eumenes fraternus</i> <i>Euphoria sepulchralis</i> <i>Euphorocera claripennis</i> <i>Euptoieta claudia</i> <i>Eurema lisa</i> <i>Eurymus philodice</i> <i>Euthera tentatrix</i> <i>Everes comyntas</i> <i>Evylaeus 4-maculatus</i> <i>Evylaeus arcuatus</i>		

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	<i>Evylaeus foxii</i> <i>Evylaeus pectoralis</i> <i>Exetastes obscurus</i> <i>Exoprosopa decora</i> <i>Exoprosopa fasciata</i> <i>Exoprosopa fascipennis</i> <i>Feltia subgothica</i> <i>Geranomyia canadensis</i> <i>Geron rufipes</i> <i>Gonochrysis perpulchra</i> <i>Graphomyia americana</i> <i>Gymnosoma fuliginosa</i> <i>Halictus lerouxii</i> <i>Halictus parallelus</i> <i>Harmostes reflexulus</i> <i>Helicobia 4-setosa</i> <i>Helicobia helcis</i> <i>Heliothis armiger</i> <i>Helophilus latifrons</i> <i>Helophilus similis</i> <i>Hesperia montivaga</i> <i>Heterosarus parvus</i> <i>Holonomada placida</i> <i>Holonomada vincta</i> <i>Hylemyia laevis</i> <i>Hylephila phylaeus</i> <i>Hypatus bachmanni</i> <i>Hypocrabro 10-maculatus</i> <i>Hypostena barbata</i> <i>Isodontia apicalis</i> <i>Junonia coenia</i> <i>Lampronota varia</i> <i>Larropsis distincta</i> <i>Leionotus anormis</i> <i>Leionotus arvensis</i> <i>Leionotus clypeatus</i> <i>Leionotus dorsalis</i> <i>Leionotus foraminatus</i> <i>Leionotus fulvipes</i> <i>Leionotus fundatus</i> <i>Leionotus histrionalis</i> <i>Leionotus scrophulariae</i> <i>Leskiomima prima</i> <i>Leucostoma atra</i> <i>Leucostoma neomexicana</i>		

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	<i>Leucostoma nigricornis</i> <i>Limnophora narona</i> <i>Limochores taumas</i> <i>Linnaemyia compta</i> <i>Lophopompilus philadelphicus</i> <i>Lucilia caesar</i> <i>Lucilia sericata</i> <i>Lucilia sylvarum</i> <i>Lygaeus turcicus</i> <i>Lygus pratensis</i> <i>Machaeris stygia</i> <i>Macquartia pristis</i> <i>Megachile brevis</i> <i>Megachile generosa</i> <i>Megachile mendica</i> <i>Melissodes agilis</i> <i>Melissodes asteris</i> <i>Melissodes autumnalis</i> <i>Melissodes bimaculata</i> <i>Melissodes boltoniae</i> <i>Melissodes nivea</i> <i>Melissodes simillima</i> <i>Melissodes trinodis</i> <i>Mesogramma geminata</i> <i>Mesogramma marginata</i> <i>Metopius polycinctorius</i> <i>Milesia ornata</i> <i>Mimesa cressonii</i> <i>Musca domestica</i> <i>Myospila mediatubunda</i> <i>Nathalis iole</i> <i>Neotrypetes productus</i> <i>Neotrypetes truncatus</i> <i>Notogonidea argentata</i> <i>Ocyptera lata</i> <i>Ocyptera tenuis</i> <i>Odontalictus ligatus</i> <i>Oncomyia lorraria</i> <i>Orthoneura nitida</i> <i>Osmia atriventris</i> <i>Osmia collinsiae</i> <i>Osmia illinoensis</i> <i>Osmia pumila</i> <i>Oxystoglossa confusa</i> <i>Oxystoglossa pura</i>		

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	<i>Oxystoglossa similis</i> <i>Papilio asterias</i> <i>Paradidyma singularis</i> <i>Paragus bicolor</i> <i>Paragus tibialis</i> <i>Paralictus platyparius</i> <i>Parempis clausa</i> <i>Peleteria robusta</i> <i>Perdita 8-maculata</i> <i>Philanthus politus</i> <i>Philanthus punctatus</i> <i>Philanthus ventilabris</i> <i>Phorantha asteris</i> <i>Phorantha magna</i> <i>Phorantha pruinosa</i> <i>Phorantha purpurascens</i> <i>Phorbia acra</i> <i>Phorbia platura</i> <i>Phormia regina</i> <i>Phyciodes tharos</i> <i>Physocephala texana</i> <i>Physocephala tibialis</i> <i>Pieris rapae</i> <i>Pipiza nigribarba</i> <i>Pipiza pulchella</i> <i>Planiceps feralis</i> <i>Platychirus quadratus</i> <i>Plusia simplex</i> <i>Polistes annularis</i> <i>Polistes pallipes</i> <i>Polistes rubiginosus</i> <i>Polistes variatus</i> <i>Polites peckius</i> <i>Pontia protodice</i> <i>Priononyx atrata</i> <i>Prosopis illinoensis</i> <i>Prosopis pygmaea</i> <i>Proteraner ranunculi</i> <i>Protothyreopus rufifemur</i> <i>Pseudopanurgus albitarsis</i> <i>Pseudopanurgus asteris</i> <i>Pseudopanurgus compositarum</i> <i>Pseudopyrellia cornicina</i> <i>Psithyrus variabilis</i> <i>Pterallastes thoracicus</i>		

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	<i>Pterandrena asteris</i> <i>Pterandrena helianthi</i> <i>Pterandrena pulchella</i> <i>Pterandrena solidaginis</i> <i>Ptilodexia abdominalis</i> <i>Robertsonomyia palpalis</i> <i>Sarcophaga assidua</i> <i>Sarcophaga cimbicis</i> <i>Sarcophaga hunteri</i> <i>Sayapis sayi</i> <i>Scepsis fulvicollis</i> <i>Scolia bicincta</i> <i>Seladonia fasciata</i> <i>Senotainia rubriventris</i> <i>Senotainia trilineata</i> <i>Sericomyia chrysotoxoides</i> <i>Sinea diadema</i> <i>Siphona geniculata</i> <i>Siphoplusia anomala</i> <i>Siphoplusia flaccidirostris</i> <i>Solenius interruptus</i> <i>Spallanzania hesperidarum</i> <i>Sparnopolius fulvus</i> <i>Sphaerophoria cylindrica</i> <i>Sphecodium cressonii</i> <i>Sphex gracilis</i> <i>Sphex nigricans</i> <i>Sphex pictipennis</i> <i>Sphex procera</i> <i>Sphex vulgaris</i> <i>Spilomyia 4-fasciata</i> <i>Spilomyia longicornis</i> <i>Stelidium trypetinum</i> <i>Stizus unicinctus</i> <i>Stomoxys calcitrans</i> <i>Sturmia phyciodes</i> <i>Stylogaster biannulata</i> <i>Symmorphus debilis</i> <i>Synothyreopus tumidus</i> <i>Syrpitta pipiens</i> <i>Syrphus americanus</i> <i>Syrphus arcuatus</i> <i>Syrphus ribesii</i> <i>Syrphus torvus</i> <i>Systoechus vulgaris</i>		

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	<i>Systropus macer</i> <i>Tachytes obscurus</i> <i>Tetralonia dilecta</i> <i>Tetralonia dubitata</i> <i>Tetralonia robertsonii</i> <i>Thanaos icelus</i> <i>Thanaos juvenalis</i> <i>Thanaos martialis</i> <i>Toxophora amphitea</i> <i>Trichophora ruficauda</i> <i>Trichopoda pennipes</i> <i>Triepeolus concolor</i> <i>Triepeolus cressonii</i> <i>Triepeolus donatus</i> <i>Triepeolus micropygius</i> <i>Triepeolus pectoralis</i> <i>Tropidia albistylum</i> <i>Tropidia mamillata</i> <i>Trypeta humilis</i> <i>Uranotes melinus</i> <i>Vanessa cardui</i> <i>Vanessa huntera</i> <i>Vespula cuneata</i> <i>Vespula germanica</i> <i>Vespula maculata</i> <i>Winthemia 4-pustulata</i> <i>Xanthidia nicippe</i> <i>Xanthogramma emarginata</i> <i>Xanthomelana arcuata</i> <i>Xanthosarus latimanus</i> <i>Zaodontomerus calcaratus</i> <i>Zendalia zendaloides</i> <i>Zerene caesonia</i> <i>Zodion fulvifrons</i> <i>Zodion nanellum</i>		
<i>Tragia saxicola</i> (FL) (Florida Key Noseburn)	Small bees Flies	Homestead Air Force Base (Closed)	G2, S2



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<i>Trichostema</i> sp. 1 (NC) (Dune Bluecurls)	<i>Anthidium edwardsii</i> <i>Anthidium jocosum</i> <i>Anthophora fulvicauda</i> <i>Anthophora urbana</i> <i>Apis mellifera</i> <i>Archilochus alexandri</i> <i>Ashmeadiella californica</i> <i>Ashmeadiella meliloti</i> <i>Bombus (Crotchibombus) crotchii</i> <i>Bombus (Fervidobombus) sonorous</i> <i>Bombus vosnesenskii</i> <i>Calypso costae</i> <i>Ceratina nanula</i> <i>Dialictus</i> sp. <i>Dianthidium plenum</i> <i>Halictus (Seladonia) tripartitus</i> <i>Megachile (Chelostomoides)</i> <i>angelarum</i> <i>Megachile wheeleri</i> <i>Melissodes lupine</i> <i>Melissodes stearnsi</i> <i>Melissodes stearnsi</i> <i>Nomadopsis trifolii</i> <i>Pseudomasaris wheeleri</i> <i>Xylocopa californica diamesa</i> <i>Xylocopa tabiniformis orpifex</i>	Military Ocean Terminal Sunny Point	G2, S2
<i>Trillium pusillum</i> var. 1 (AL) (Interior Least Trillium)	<i>Centrinites strigicollis</i>	Redstone Arsenal	G3T2Q, S2
<i>Vaccinium crassifolium</i> ssp. <i>Sempervirens</i> (SC) (Rayner's Blueberry)	<i>Bombus bifarius nearcticus</i> <i>Bombus nearcticus</i> <i>Evyalaus</i> sp <i>Hylaeus personatellus</i> <i>Osmia inermis</i> <i>Pseudolimnophora nigripes</i> <i>Stelis holocyanea</i>	Fort Jackson	G4G5T1, S1

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<i>Verbesina heterophylla</i> (FL) (Diverse-leaf Crownbeard)	<i>Agapostemon viridulus</i> <i>Anthrax parvicornis</i> <i>Apis mellifera</i> <i>Ashmeadiella buconis</i> <i>Bombias auricomus</i> <i>Bombus americanorum</i> <i>Calliopsis andreniformis</i> <i>Ceratina dupla</i> <i>Chloralictus pilosus</i> <i>Chloralictus sparsus</i> <i>Chloralictus versatus</i> <i>Coelioxys 8-dentata</i> <i>Coelioxys alternata</i> <i>Coelioxys rufitarsis</i> <i>Colletes eulophi</i> <i>Curtisapis coriacea</i> <i>Cyphopyga montivaga</i> <i>Epeolus bifasciatus</i> <i>Epimelissodes obliqua</i> <i>Eristalis transversus</i> <i>Evylaeus arcuatus</i> <i>Halictus lerouxii</i> <i>Hoplitis cylindricus</i> <i>Megachile 6-dentata</i> <i>Megachile brevis</i> <i>Megachile mendica</i> <i>Megachile petulans</i> <i>Mesogramma marginata</i> <i>Neotrypetes truncatus</i> <i>Odontalictus ligatus</i> <i>Oxystoglossa pura</i> <i>Oxystoglossa similis</i> <i>Phyciodes tharos</i> <i>Pseudopanurgus albitarsis</i> <i>Pterandrena rudbeckiae</i> <i>Sayapis pollicaris</i> <i>Sayapis pugnata</i> <i>Scepsis fulvicollis</i> <i>Sphex nigricans</i> <i>Sphex pictipennis</i> <i>Sphex procera</i> <i>Stictiella pictifrons</i> <i>Systoechus vulgaris</i> <i>Tetralonia dilecta</i> <i>Thanaos juvenalis</i>	Cecil Field Naval Air Station (Closed)	G2, S2

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	<i>Xanthosarus latimanus</i>		
<i>Vicia ocalensis</i> (FL) (Ocala Vetch)	<i>Apis mellifera</i> <i>Bombus californicus</i> <i>Bombus occidentalis nigroscutatus</i> <i>Bombus vosnesenskii</i> <i>Toxomerus sp</i>	Paisley LTA*	G1, S1
<i>Xyris isoetifolia</i> (FL) (Quillwort Yellow-eyed Grass)	<i>Lasioglossum zephyrum</i> (1-2) <i>Agapostemon sp.</i> (1) <i>Bombus sp.</i> (1) <i>Ocyptamus fuscipennis</i> (1) <i>Toxomerus boscii</i> (1) <i>Toxomerus geminatus</i> (1)	Tyndall Air Force Base	G1, S1
<i>Xyris longisepala</i> (FL) (Kral's Yellow-eyed Grass)	<i>Lasioglossum zephyrum</i> (1-2) <i>Agapostemon sp.</i> (1) <i>Bombus sp.</i> (1) <i>Ocyptamus fuscipennis</i> (1) <i>Toxomerus boscii</i> (1) <i>Toxomerus geminatus</i> (1)	Eglin Air Force Base	G2, S2

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<i>Zephyranthes simpsonii</i> (FL) (Rain Lily)	Bee	Tosohatchee LTA* (Army Corp. Engineer site, not a DoD installation)	G2G3, S2S3

Notes on abbreviations and names in the table:

- The abbreviation **sp.** following the Genus name indicates a pollinator visitor that could not be identified to the species level.
- The abbreviation **spp.** following the Genus name indicates that there are multiple pollinator species within a Genus that could not be identified to the species level.
- Species abbreviations followed by letters (e.g., **sp. A**) or numbers (e.g., **sp. 1**) indicate identification to *morphospecies* – although the species is unknown, there are unique and distinct identifiable characteristics that have been noted.
- Some species have a number as part of their scientific name (e.g., *Elis 5-cincta*). This represents an older naming convention that is no longer used by modern taxonomists.
- \*Local Training Area